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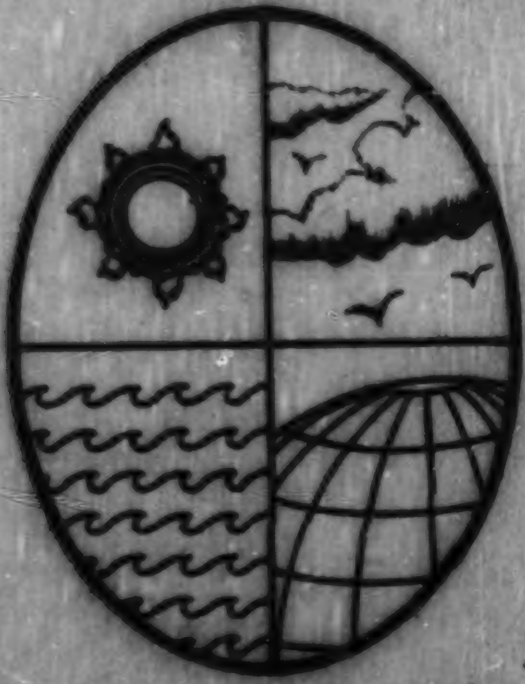

A SURVEY OF FUEL AND ENERGY INFORMATION SOURCES

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NOVEMBER 1970

THE MITRE CORPORATION

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MTR-1493
Vol. II

A SURVEY OF FUEL AND ENERGY INFORMATION SOURCES

FEDERAL QUESTIONNAIRES

D. L. BOBO
E. L. KEITZ
J. MORRIS
K. E. YEAGER

NOVEMBER 1970

Contract No.: F19628-68-C-0365
Contract Sponsor: National Air Pollution Control Administration
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THE MITRE CORPORATION
Washington Operations

631

Department and
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Richard S. Greeley

TABLE OF CONTENTS

Page

INTRODUCTION 1

ATOMIC ENERGY COMMISSION

Electric Power Actual Usage And Estimated Annual Requirements, Form AEC-293 2

BUREAU OF CENSUS

Atomic Energy Products And Services Annual Report 1963-1965, Form MA-380 3

Mining Machinery Shipments Domestic And Export Annual Report, Form MA-35F 7

ARMY CORPS OF ENGINEERS

Oil Bunkering And Storage Facilities, Form 20 10

OIL IMPORT ADMINISTRATION

Report Of Oil Imports Into The United States And Puerto Rico For the Month of __________ 11

Fuel Oil Stocks Held At Refineries And Bulk Terminals 12

BUREAU OF MINES

Availability of Bituminous Coal, By Sulfur Content In The Appalachian Region In 1967, Form 6-1418-X 13

Bituminous Coal And Lignite Production And Mine Operation, Calendar 1969, Form 6-1401-A 22

Bulk Terminal Stocks of Finished Petroleum Products, Form 6-1302-M 26

Capacity of Petroleum Refineries, Form 6-1334-A 27

Carbon Black (From Natural Gas And Petroleum Hydrocarbons), Form 6-1342-A 29

Coke and Coal-Chemical Materials, Form 6-1365-M 31

TABLE OF CONTENTS (CONTINUED)

BUREAU OF MINES (CONTINUED)

	Page
Crude Petroleum Gathered From Leases In Selected States, Form 6-1309-M	33
Crude Oil Stocks, Form 6-1311-M	34
Distribution of Bituminous Coal And Lignite Shipments, Form 6-1419-Q	36
Distribution of Pennsylvania Anthracite For The Coal Year April 1969 to March 31, 1970, Form 6-1392-A	38
Fuel Consumed For All Purposes At Refineries, Form 6-1335-A	43
Fuel Oil And Kerosine Sales And Inventories, Form 6-1337-A	44
Crude Oil Pipeline And Storage Survey, Form 6-1325-T	46
Injuries And Employment, Bituminous Coal And Lignite Mines, Form 6-1423-AM	48
Monthly Coal Report, Form 6-1400-M	50
Monthly Tanker And Barge Shipments Of Crude Petroleum and Products From P. A. D. District III, Form 6-1308-M	52
Natural Gas Processing Plant Report, Form 6-1305-M	54
Natural Gas Processing Report, Form 6-1343-A	56
Peat In 196___, Form 6-1391-A	58
Pennsylvania Anthracite Production 1969, Form 6-1385-A	60
Pennsylvania Anthracite Production Contractors' Report 1969, Form 6-1387-A	64
Pennsylvania Anthracite Production, Mines Without Preparation Plants 1969, Form 6-1386-A	66
Pennsylvania Anthracite Production, River Coal Report, Form 6-1388-A	68
Petroleum Supply And Demand Report District 5, Month of ___________, Form 6-1320-M	70

TABLE OF CONTENTS (CONTINUED)

BUREAU OF MINES (CONTINUED) Page

Products Pipeline Report, Form 6-1303-M 71

Production Of "Other Finished Products" At Petroleum Refineries, Form 6-1336-A 73

Pyrites, Form 6-1236-A 74

Refinery Report, Form 6-1300-M 76

Sales of Liquefied Petroleum Gases, Form 6-1345-A 78

Sales To Trade And Own Use Of Petroleum Products - District 5, Month of __________, Form 6-1321-M 80

Shipments of Aviation Fuel, Form 6-1301-A 81

Supply And Disposition Of Natural Gas, Form 6-1341-A 83

Supply And Disposition of Natural Gas (Non-Producing Distributor's Report), Form 6-1340-A 85

Value At Wells Of Crude Oil Purchased, Form 6-1326-A 87

FEDERAL POWER COMMISSION

Electric Utilities And Licensees (Classes A And B) Annual Report, Form 1 88

Electric Utilities Monthly Statement of Operating Revenues And Income, Form 5 208

Industrial Electric Generating Capacity, Form 12-C 209

Licensed Project Annual Report, Form 9 210

Monthly Power Plant Report, Form 4 229

Monthly Power Statement, Form 12-E 230

Municipal Electric Utilities, Annual Report, Form 12-M (Having Annual Electric Revenues of $250,000 Or More) 232

Natural Gas Companies (Classes A And B) Annual Report, Form 2 256

Natural Gas Companies (Classes C And D) Annual Report, Form 2-A 389

TABLE OF CONTENTS (CONTINUED)

FEDERAL POWER COMMISSION (CONTINUED)

Page

Natural Gas Interstate Pipeline Company Monthly Statement, Form 11 404

Natural Gas Companies Annual Report of Gas Supply, Form 15 409

Annual Report - Total Gas Supply, Form 15-A 434

Power Line And Generating Station Construction Data, Form 12-F 435

1969 Power System Statement, Form 12 437

Power System Statement For The Year Ended December 31, 1969 [Power Facilities], Form 12-D 473

Power System Statement For The Year Ended December 31, 1969, [Energy Received And Delivered], Form 12-A 475

Public Utilities And Licensees (Classes C And D) Annual Report, Form 1-F 480

Steam-Electric Plant Air And Water Quality Control Data For The Year Ended December 31, ______, Form 67 493

INTERSTATE COMMERCE COMMISSION

Annual Report Of Freight Commodity Statistics, Form TCS 519

Carriers By Pipe Line Annual Report, Form P 533

Quarterly Report Of Freight Commodity Statistics, Form QCS 591

UNITED STATES GEOLOGICAL SURVEY

Alaska Coal Leasing, Form 9-519 605

Application For Permit To Drill, Deepen, or Plug Back, Form 9-331C 606

Coal Lease Report For Quarter Ending, Form 9-373a 608

TABLE OF CONTENTS (CONTINUED)

UNITED STATES GEOLOGICAL SURVEY (CONTINUED) Page

Coal License Report For Six-Month Period Ending, Form 9-370 609

Lessee's Monthly Report of Operations, Form 9-329 610

Lessee's Monthly Report Of Sales And Royalty, Form 9-361 611

Lessee's Monthly Report Of Sales And Royalty, Outer Continental Shelf Operations, Form 9-153 612

Log of Prospect Bore Hole, Form 9-1147 613

Monthly Gasoline Plant Report, Form 9-208 614

Monthly Report Of Operations Outer Continental Shelf, Form 9-152 615

Production And Royalty Report For (Month, Quarter) Ending, Form 9-368 616

Prospecting Permit Report For (Month, Quarter) Ending, Form 9-375 617

Sundry Notices And Reports On Wells, Form 9-331 618

Sundry Notices And Reports On Wells, Form 9-331a 620

Royalty Statement Federal Land, Form 9-388 621

Well Completion Or Recompletion Report And Log, Form 9-330 622

DISTRIBUTION LIST 625

INTRODUCTION

This document is a compilation of fuel and energy questionnaires circulated by Federal organizations. These questionnaires are derived in Volume I of this report. The Federal Agencies providing these fuel and energy questionnaire forms are listed in Table I below:

TABLE I

FEDERAL AGENCIES WHICH HAVE SURVEY QUESTIONNAIRES RELATING TO FUELS AND ENERGY

Organization	Number of Questionnaires
Army Corps of Engineers	1
Atomic Energy Commission	1
Bureau of Census	2
Bureau of Mines	34
Federal Power Commission	18
Interstate Commerce Commission	3
Oil Import Administration	2
United States Geological Survey	16
TOTAL	77

ATOMIC ENERGY COMMISSION

Form Approved.
Budget Bureau No. [illegible]

Form **AEC-293** (2-62)
Security Classification ____________

U. S. ATOMIC ENERGY COMMISSION

ELECTRIC POWER

ACTUAL USAGE AND ESTIMATED ANNUAL REQUIREMENTS

(a) Location(s) ____________

(b) Address ____________ (County) ____________ (State)

(c) Responsible F. O. ____________

(d) Submitted by ____________ (Signature) ____________ (Date)

Part I.—CHARACTERISTICS OF ELECTRIC POWER SYSTEM

1. LINE NO	2. SOURCE OF SUPPLY (Name of utility or designation of nonutility generating unit)	3. VOLTAGE (KV)	4. CAPACITY (KW)	5. TRANSFORMER CAPACITY INSTALLED (Substation) (KVA)
10				
20				

Part II.—ANNUAL LOAD (Thousands of KWH)

1. LINE NO.	2. ACTUAL F. Y. 19____	3. ESTIMATED F. Y. 19____	4. ESTIMATED F. Y. 19____	5. ESTIMATED F. Y. 19____	6. ESTIMATED F. Y. 19____
10					
20					

Part III.—MAXIMUM DEMAND
(Thousands of KW Extended to One Decimal Place)

1. LINE NO.	2. ACTUAL F. Y. 19____	3. ESTIMATED F. Y. 19____	4. ESTIMATED F. Y. 19____	5. ESTIMATED F. Y. 19____	6. ESTIMATED F. Y. 19____
10					
20					

Part IV.—ANNUAL COST (Thousands of Dollars)

1. LINE NO.	2. ACTUAL F. Y. 19____	3. ESTIMATED F. Y. 19____	4. ESTIMATED F. Y. 19____	5. ESTIMATED F. Y. 19____	6. ESTIMATED F. Y. 19____
10					
20					

Security Classification ____________

BUREAU OF CENSUS

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DUE DATE: 30 DAYS AFTER RECEIPT OF FORM

Budget Bureau No. [illegible] Approval Expires June [illegible]

Form MA-32G
[illegible]

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

ATOMIC ENERGY PRODUCTS AND SERVICES

ANNUAL REPORT
1963 – 1965

CONFIDENTIAL – Response to this inquiry is required by Act of Congress (13 U.S.C.). The report you submit to the Census Bureau is confidential and may be seen only by sworn Census employees. It may not be used for purposes of taxation, investigation, or regulation. Copies retained in your files are also immune from legal process.

(Please correct if name or address has changed)

(PLEASE RETURN THIS COPY)

TO: Bureau of the Census, Industry Division
Washington, D.C. 20233

EMPLOYER'S IDENTIFICATION NUMBER	(Identification number used for this establishment on Employer's Quarterly Federal Tax Return (U.S. Treasury Department form 941).

NOTE: The industry totals compiled from data on this form will be published by the Bureau of the Census in a Current Industrial Reports publication as soon as possible after all reports are received. Copies are available upon request to the Bureau of the Census.

(Plant address (if same as above, write "Same"))

INSTRUCTIONS

General – This form is intended to collect data on shipments of selected products specifically designed for nuclear applications, and receipts for selected services having specific nuclear applications.

This report is to be returned within 30 days after receipt to: Bureau of the Census, Washington, D.C., 20233. Please use the enclosed envelope which requires no postage. This same form will be mailed back to you each year for the preceding year's figures. For your own convenience in reporting for future years, you may wish to post each year's figures to your file copy. A separate report should be filed for each establishment (not owned by the Atomic Energy Commission) at which any of the products or services listed on this form are produced.

If you do not manufacture any of the products or provide any of the services listed on this form, please return the form with a statement to that effect and include a brief description of the principal items produced or services provided by your company.

Additional copies of this report form are available upon request to the Bureau of the Census, Washington, D.C., 20233.

Carefully prepared estimates will be acceptable if actual book records are not available.

Section I – SHIPMENTS OF ATOMIC ENERGY PRODUCTS

MA-100 Product class code – This column is to be filled in only by establishments which report in the Annual Survey of Manufactures on form MA-100. Enter the five digit product class code or codes assigned to each of the items for which data are reported in column (a). This code appears in item 9 of form MA-100.

Columns (a) – (e) – VALUE OF SHIPMENTS

Column (a) – Report in thousands of dollars, the net selling value at the factory or plant of the total shipments of each item listed. This value should approximate as nearly as possible the actual amounts received or receivable by you for shipments made during the year. The reported figures should represent values f.o.b. plant after discounts and allowances and should not include freight charges or excise taxes. If freight charges are prepaid by you, deduct these charges from the values reported for each product. Exclude the value of source and special nuclear material furnished by the Atomic Energy Commission.

Columns (b), (c), (d), and (e) – Report separately the value of each product shipped, as follows: Column (b), to Atomic Energy Commission owned sites and facilities as well as shipments to private manufacturers and contractors destined for ultimate incorporation into equipment for the Atomic Energy Commission. Column (c), to other U.S. Government owned sites and facilities as well as shipments to private manufacturers and contractors destined for ultimate incorporation into equipment for other U.S. Government agencies. Column (d), for export, whether exported directly or incorporated into equipment destined for export. Column (e), all other shipments, including those whose final destination is undetermined or unknown.

Column (f) – NET ORDERS RECEIVED

Include (1) the sales value of orders accepted during the reporting period for products and services to be delivered at some future date; (2) the sales value of orders received during the reporting period for immediate delivery; (3) the net sales value of contract change documents which increase or decrease the sales value of the orders to which they are related when the parties concerned are in substantial agreement as to the amount involved. Include as orders only those orders that are supported by binding legal documents, such as signed contracts, letters of awards, or letters of intent. In the case of letters of intent, the full amount of sales value should be included if the parties concerned are in substantial agreement on this amount; otherwise, only the funds specifically authorized to be expended should be included. Exclude orders canceled during the year.

Section II – RECEIPTS FOR SELECTED ATOMIC ENERGY SERVICES

Column (a) – Report, in thousands of dollars, the total receipts for each atomic energy service listed.

Column (b) – Report separately, in thousands of dollars, the receipts for specified services supplied the Atomic Energy Commission.

Column (c) – Report separately, in thousands of dollars, the receipts for specified services supplied to other U.S. Government agencies (excluding the Atomic Energy Commission).

Column (d) – Report, in thousands of dollars, receipts for specified services performed for any other customers.

Name of person to contact regarding this report (Please revise when necessary)	Address (Number and street, city, State, ZIP code)	Telephone No.

CERTIFICATION – This report is substantially accurate and has been prepared in accordance with instructions.

1963	Name of company		Address (Number and street, city, State, ZIP code)		
	Signature of authorized official		Title		Date
1964	Signature of authorized official	Date	1965	Signature of authorized official	Date

Please complete form on page 2

USCOMM-DC [illegible]

R1921.4

DESCRIPTION OF SELECTED ATOMIC ENERGY PRODUCTS AND SERVICES

(Having design characteristics uniquely required for nuclear applications)

		Description
		NUCLEAR REACTORS – Include only reactors which are shipped fully assembled from the place of manufacture, such as AGN201 and other similar
PRODUCTS	21	**REACTOR COMPONENTS AND EQUIPMENT** **PRIMARY VESSELS AND TANKS** – Include vessels and tanks designed to contain reactor fuel elements; also internal shields, nozzles, covers, closures, etc., directly associated with the primary vessel. Do not include outer containment shells.
	22 23 24	**CONTROL ROD DRIVE MECHANISMS AND COMPONENTS** – Include value of entire control rod drive mechanisms as well as any components th Do not include the value of control rods which should be included in item 31, 32, 33, and 34, below.
	25	**ACCESSORY INSTRUMENTATION FOR REACTOR CONTROL** – Include all monitoring and control instrumentation directly related to the operati the reactor control system. Do not include environmental monitoring equipment not connected to the reactor control system. This is collected on Bureau of the Census form MA-36N, "Selected Instruments and Related Products."
	26	**HEAT EXCHANGERS AND CONDENSERS** – Self-explanatory.
	27	**PRESSURIZERS, COMPONENTS, AND AUXILIARY EQUIPMENT** – Self-explanatory.
	28	**PUMPS** – Include pump parts and accessories.
	29	**VALVES** – Include valve parts and accessories.
	30	**FUEL HANDLING EQUIPMENT** – Include equipment for loading and unloading reactors. Do not include items such as shielded transfer casks should be included in item 41, below.
	31 32 33	**COMPLETE REACTOR FUEL ELEMENTS AND CONTROL RODS** – Shipped for installation in a reactor. Include complete cores.
	34	**PARTIALLY FABRICATED REACTOR FUEL ELEMENT MATERIALS AND CONTROL RODS NOT SHIPPED DIRECTLY FOR INSTALLATION OR USE IN A REACTOR** – Include value of preforming. Do not include conversion, which should be included in item 50, below.
	35	**CORE STRUCTURALS** – Include such items as barrels, cans, boxes, and plates.
	36	**REACTOR MODERATORS, COOLANTS, AND REFLECTORS** – Self-explanatory.
	37	**SPECIALIZED REACTOR COMPONENTS AND EQUIPMENT NOT INCLUDED ELSEWHERE ON THIS FORM** – Specify major items and show am for each.
	40	**HOT LABORATORY EQUIPMENT** – Include remote handling equipment, glove boxes, and other specialized hot laboratory equipment. Do not include handling equipment which should be included in item 30, above.
	41	**SHIELDING** – Include viewing windows and shielded transfer and shipping devices.
	42	**RADIOACTIVE ISOTOPES SHIPPED FROM NON-AEC PLANTS PRODUCING ISOTOPES** – Self-explanatory.
	43	**RADIATION SOURCES AND OTHER RADIOACTIVE MATERIALS PRODUCED FROM PURCHASED ISOTOPES** – Include [illegible] sources and labelled compounds containing radioisotopes, including separated fission products distributed from facilities other than those at which they were produced or separated.
SERVICES	50	**CONVERSION OF ENRICHED URANIUM METAL AND COMPOUNDS** – Include such services as production of enriched UF6, conversion to oxides, metal and compounds, and recovery of enriched uranium from unirradiated scrap or from irradiated material. Do not include preforming and shaping in the fabrication of metallic fuel elements beyond a primary metal shape, which should be included in item 34. Exclude production or conversion of natural and depleted uranium.
	51	**COMMERCIAL IRRADIATION SERVICES** – Include receipts for irradiation services performed for others in test and research reactors, gamma irradiation facilities, accelerators, etc. Do not include value of isotopes produced, which should be included in item 42.

Remarks

ED ATOMIC ENERGY PRODUCTS

	1964						1965						
	Value of shipments ($000)					Net orders received during year ($000)	Value of shipments ($000)					Net orders received during year ($000)	
	To U.S. Government							To U.S. Government					
l	Atomic Energy Commission (b)	Other Government Agencies (c)	Export (d)	Other (e)		(f)	Total (a)	Atomic Energy Commission (b)	Other Government Agencies (c)	Export (d)	Other (e)	(f)	

TED ATOMIC ENERGY SERVICES

	Receipts ($000)			Receipts ($000)			
	U.S. Government				U.S. Government		
	Atomic Energy Commission (b)	Other Government Agencies (c)	Other (d)	Total (a)	Atomic Energy Commission (b)	Other Government Agencies (c)	Other (d)

Section I – SHIPMENTS OF

			1963					
			Value of shipments ($000)					[illegible]
				To U.S. Government				
Item No.	Product (Please refer to "Description of Selected Atomic Energy Products and Services" on page 3)	MA-100 product class code	Total (a)	Atomic Energy Commission (b)	Other Government Agencies (c)	Export (d)	Other (e)	(f)
10	Nuclear reactors							
	Reactor components and equipment							
21	Primary vessels and tanks							
	Control and drive mechanisms and components for:							
22	Power plant							
23	Propulsion							
24	Other							
25	Accessory instrumentation for reactor control							
26	Heat exchangers and condensers							
27	Pressurizers, compressors, and auxiliary equipment							
28	Pumps							
29	Valves							
30	Fuel handling equipment							
	Complete reactor fuel elements and control rods shipped directly for use in a reactor for:							
31*	Power plant							
32*	Propulsion							
33*	Other							
34*	Partially fabricated reactor fuel element materials and control rods not shipped directly for installation or use in a reactor							
35	Core structurals (barrels, cans, boxes, plates, etc., not included above)							
36	Reactor moderators, coolants and reflectors							
37	Specialized reactor components and equipment not included elsewhere on this report (Specify)							
[illegible]	Hot laboratory equipment							
[illegible]	Shielding							
[illegible]	Radioactive isotopes shipped from non-AEC plants producing isotopes							
[illegible]	Radiation sources and other radioactive materials produced from purchased isotopes							
	TOTAL SHIPMENTS (Sum of items 10-62) →							

* [illegible] in value of shipments the value of source and special nuclear material as furnished by the Atomic Energy Commission.

Section II – RECEIPTS FOR

			Receipts ($000)			
				U.S. Government		
Item No.	Service (Please refer to "Description of Selected Atomic Energy Products and Services" on page 3)		Total (a)	Atomic Energy Commission (b)	Other Government Agencies (c)	Other (d)
[illegible]	Conversion of enriched uranium metal and compounds (EXCLUDE production or conversion of normal and depleted uranium)					
[illegible]	Commercial irradiation service					
	TOTAL RECEIPTS (Sum of items 80 and 81) →					

[illegible]

DUE DATE: 30 DAYS AFTER RECEIPT

Budget Bureau No. 41-R2108.1; Approval Expires November 30, 19

FORM **MA-35F**
(1-27-65)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

MINING MACHINERY SHIPMENTS
DOMESTIC AND EXPORT
ANNUAL REPORT

NOTICE – Response to this inquiry is required by law (Title 13 U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

(Please correct if name or address has changed)

(PLEASE RETURN THIS COPY)

TO: Bureau of the Census, Industry Division
Washington, D.C. 20233

EMPLOYER IDENTIFICATION NUMBER	Identification Number used for this establishment on Employer's Quarterly Federal Tax Return (U.S. Treasury Department Form 941).

NOTE: The industry totals compiled from data filed on this report will be published by the Bureau of the Census in Current Industrial Reports Series M35F, as soon as possible after all reports are received.

Plant address *(If same as shown in address box write "Same")*

INSTRUCTIONS

Please file one (1) copy of this report with the Bureau of the Census, Washington, D.C., 20233, within 30 days of receipt.

A separate report should be submitted for each plant producing any of the equipment listed on the reference list. List only complete units, except where otherwise indicated.

Value of Shipments – The value of shipments figures should represent the net sales price f.o.b. plant, after discounts and allowances and exclusive of freight charges and excise taxes. Report value figures in thousands of dollars.

Enclosed with this report is a copy of Reference List MA-35F. To fill in your report for any period, refer to the reference list and identify the types of machinery produced by you. Copy the descriptions of such machines in column (a) on the report form itself.

Also copy the 4-digit survey item code that corresponds to the type of machine described in the reference list and which most nearly fits the machines produced by you. Enter this code in column (b). For each such code enter the total (domestic and export) quantity and value of units shipped.

Checks for Completeness and Consistency – "X" box after making each test	1964	1965	1966	1967
1. Do the values reported on this form represent sales price f.o.b. plant?				
2. Have you accounted for all of the types of equipment listed on this form that were shipped from this plant during the year?				
3. For each item reported does the unit value (dollars per machine) appear reasonable?				

Name of person to contact regarding this report	Address *(Number, street, city, State, ZIP code)*	Telephone *(Area code, number, extension)*

CERTIFICATION – This report is substantially accurate and has been prepared in accordance with instructions.

Name of company			Address *(Number, street, city, State, ZIP code)*		
1964	Signature of authorized official		1966	Signature of authorized official	
	Title	Date		Title	Date
1965	Signature of authorized official		1967	Signature of authorized official	
	Title	Date		Title	Date

Please complete form on reverse side

USCOMM-DC

FORM **MA-35F**
(1-27-60)

MINING MACHINERY SHIPMENTS – DOMESTIC AND EXPORT

Description of machine (a)	Survey item code (from reference list) (b)	Total – 1964	
		Number of units (c)	Value ($1,000) (d)

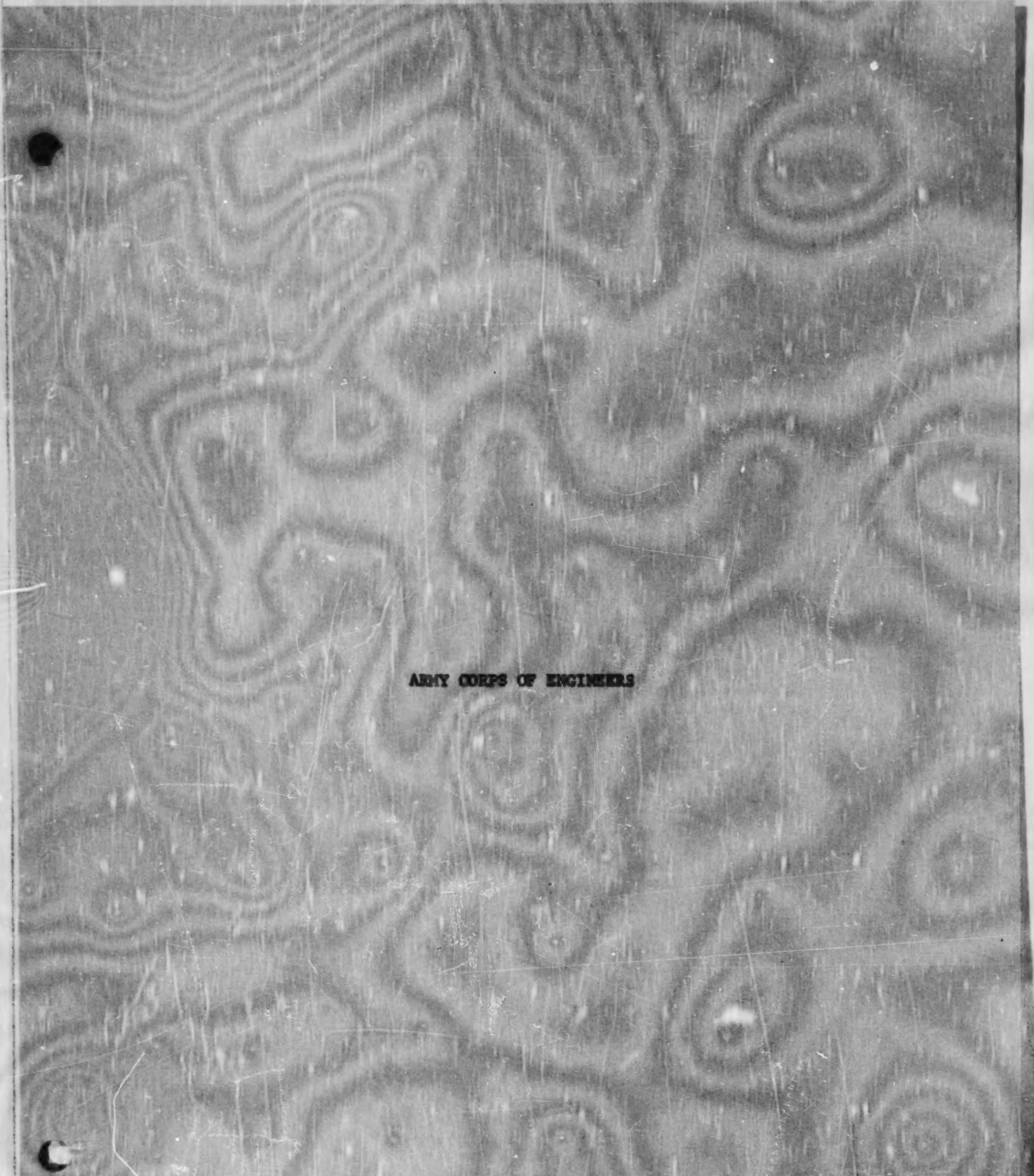
USCOMM-DC

Use reverse

	CENSUS USE ONLY	C.T.	Group	Survey No.	Identification No.	Geo. code	Tab. code
		2	4	3506			

Total – 1965		Total – 1966		Total – 1967	
Number of units (e)	Value ($1,000) (f)	Number of units (g)	Value ($1,000) (h)	Number of units (i)	Value ($1,000) (j)

le for remarks



ARMY CORPS OF ENGINEERS

STATISTICAL DIVISION
THE BOARD OF ENGINEERS FOR RIVERS AND HARBORS
WASHINGTON, D. C.

FORM APPROVED
BUDGET BUREAU NO. 49-R134.7

OIL BUNKERING AND STORAGE FACILITIES

PORT ____________________

OWNER			
OPERATOR AND ADDRESS			
BUNKERING SERVICE:			
NAME OF PIER OR WHARF USED			
REFERENCE NUMBER ON MAP			
BERTHING SPACE AVAILABLE			
BUNKER OIL PIPE LINES (Number and size)			
NUMBER AND SIZE OF CONNECTIONS			
AVERAGE DELIVERY RATE PER HOUR (42-gal. bbls.)			
GRADES OF BUNKER FUEL KEPT IN STOCK			
NUMBER OF TANKS NORMALLY USED			
NORMAL STOCK MAINTAINED (42-gal. bbls.)			
BUNKERING CRAFT:			
DELIVERY ZONE			
NUMBER, OPERATION AND TYPE			
NAME OR NUMBER			
LENGTH, BREADTH & LOADED DRAFT, O.A. (feet)			
CAPACITY OF EACH (42-gal. bbls.)			
DELIVERY RATE PER HOUR (bbls.)			
METHOD OF TRANSFER (Type of pumps, size of hose, etc.)			
STORAGE FACILITIES:			
TOTAL NUMBER OF TANKS AT PLANT OR REFINERY (Including bunker tanks)			
TYPE (Vertical, horizontal, spherical, etc.)			
LOCATION			
SOURCE OF SUPPLY			
HOW RECEIVED (Tankers, tank cars, etc.)			
TOTAL STORAGE CAPACITY (42-gal. bbls.)			
INTAKE PIPE LINES (Number and size)			
DISCHARGE PIPE LINES (Including loading and bunkering lines) (Number and size)			
FIRE PROTECTION (Other than at pier)			

REMARKS: (NOTE: for large cargo or oil terminals, list number of berths, length of each, number and size of connections at each berth, and number of vessels that can be bunkered at same time with bunkering rate to each)

LUBRICATING OILS (Grades available)

RHB FORM 20 - 1 MAY 53
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

612353

OIL IMPORT ADMINISTRATION

Budget Bureau No. 42-R1371.4
Approval Expires: JANUARY 31, 1972

UNITED STATES DEPARTMENT OF THE INTERIOR
OIL IMPORT ADMINISTRATION
WASHINGTON, D. C. 20240

REPORT OF OIL IMPORTS INTO THE UNITED STATES AND PUERTO RICO FOR THE MONTH OF ________________ 19___

Name and Address of Reporting Company [ ]

A copy of this report is due at the Office of the Administrator, Oil Import Administration, Department of the Interior, Washington, D. C. 20240 not later than 15 days after the end of each report month. This report is required pursuant to the provisions of Sec. 5, Presidential Proclamation 3279, as amended. A negative report is required. **REPORTED DATA FOR INDIVIDUAL COMPANIES MAY BE PUBLISHED AS REQUIRED.**

	Port of Entry	Country of Origin	Plant or Refinery Name and Location	Quantity (Actual Barrels per Calendar Day Adjusted to 60° F)		Port of Entry	Country of Origin	Quantity (Actual Barrels per Calendar Day Adjusted to 60° F)
I. CRUDE OIL					III. FINISHED PETROLEUM PRODUCTS (Specify by Commodity)			
					Sub-total	XXXX	XXXX	
					IV. RESIDUAL FUEL OIL (Used as Fuel)			
Sub-total	XXXX	XXXX	XXXX					
II. UNFINISHED OILS (Specify by Commodity)								
Sub-total	XXXX	XXXX	XXXX		Sub-total	XXXX	XXXX	

Authorized Official and Title ______________________

(Please Type) ______________________

Signature ______________________

Date ______________________

Budget Bureau No. 42-R-1531
Approval Expires: JUNE 30, 1972

UNITED STATES
DEPARTMENT OF THE INTERIOR
OIL IMPORT ADMINISTRATION
WASHINGTON, D. C. 20240

FUEL OIL
STOCKS HELD AT REFINERIES AND BULK TERMINALS

On the last day of the month ____________ 19__

Return completed form NO LATER THAN 15 DAYS AFTER END OF EACH REPORT MONTH. This report required pursuant to the provisions of Sec. 5, Presidential Proclamation 3279, as amended. The stock levels of individual companies will not be made public.

Name and address of reporting company: [ ]

STOCKS IN THOUSANDS OF BARRELS

AREAS	NON-BONDED				BONDED	
	No. 2 Fuel Oil	No. 4 Fuel Oil	Other Distillates	Residual Fuel	No. 4 Fuel Oil	Residual Fuel
Maine, New Hampshire, Massachusetts, Rhode Island, Connecticut, and Vermont						
New York, New Jersey, Pennsylvania, Delaware, Maryland and D. C.						
Virginia, West Virginia, North Carolina, South Carolina, Georgia and Florida						
TOTAL PAD DISTRICT I						
Gulf Coasts (See definition)						

Authorized Official (Please Type) ____________________

Signature ____________________

Title (Please Type) ____________________

Date ____________________

BUREAU OF MINES

BLANK PAGE

KEEP THIS COPY FOR YOUR FILES

6-1418-X
(June 1968)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Bureau of the Budget No. 42-R68007
Approval expires June 1969

INDIVIDUAL COMPANY DATA—CONFIDENTIAL

Unless authorization is granted in the section above the signature, the data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

AVAILABILITY OF BITUMINOUS COAL, BY SULFUR CONTENT, IN THE APPALACHIAN REGION IN 1967

Please reply to the following questions and return one copy of the report to the Bureau of Mines in the enclosed envelope. Items 1–3 are to be reported on a company basis only. Item 4 is to be reported for each mine which produced 100,000 tons or more in 1967.

1. IDENTIFICATION

1.1 Name of reporting company ....

1.2 Mailing address of company ....
(Street)

....
(City) (State) (Zip code)

2. NEW MINES SCHEDULED BY COMPANY

2.1 Please list each new mine definitely scheduled on which construction will begin during the five years ending 1972 and provide the information requested for each.

Mine name or number	Type of mine[1]	Commercial or captive[2]	Location			Name of coalbed	Schedule				Major use	Percent of tonnage committed under long-term contracts thru the first 10 years of operation
			State	County	Dist. No.		Construction starting date	Anticipated date of initial production	Full production date	Planned annual production (short tons)		

[1] Insert "U" for underground; "S" for strip; and "A" for auger mines.
[2] Insert "Com." for commercial and "Cap." for captive mines, whichever is expected to be more than 50 percent of production.
[3] Insert "M" for metallurgical coal in this country; "E" for exports, including Canada; or "O" for other coal.

	Transfers from other company-operated mines	New hires
2.2 Requirements for production at above mine(s):		
2.2.1 Number of supervisors needed:	________	________
2.2.2 Number of employees needed:		
2.2.2.1 Electrical	________	________
2.2.2.2 Mechanical	________	________
2.2.2.3 Continuous mining machine operations	________	________
2.2.2.4 Other	________	________

2.2.3 Cost of plant and equipment needed, including preparation plant(s) at above mine(s): $________

2.2.4 Estimated total capital cost, including assigned reserves, per annual ton of output: $________

2.2.5 Other requirements (explain) ________

3. RESERVES OWNED OR CONTROLLED BY COMPANY ON JANUARY 1, 1968

3.1 Reserves assigned to currently operating mines [1]:

Coalbed			Location			Reserves (million short tons)					
								Minable at 1967 f.o.b. mine values plus:			
Name	Average thickness (inches)	Average sulfur content (raw coal, percent)	State	County	Dist. No.	Total remaining reserves in place	Minable at 1967 f.o.b. mine values	$0.50 or less per ton	$0.51 to $1.00 per ton	$1.01 to $2.00 per ton	Over $2.00 per ton
Total reserves:											

---

[1] Include both developed and undeveloped reserves.

3.2 Reserves assigned to scheduled new mines shown in Item 2.1 for which construction will begin during the five years ending 1972:

Total reserves:											

3.3 Reserves not assigned to mines:

Coalbed			Location			Reserves (million short tons)					
								Minable at 1967 f.o.b. mine values plus:			
Name	Average thickness (inches)	Average sulfur content (raw coal, percent)	State	County	Dist. No.	Total remaining reserves in place	Minable at 1967 f.o.b. mine values	$0.50 or less per ton	$0.51 to $1.00 per ton	$1.01 to $2.00 per ton	Over $2.00 per ton
Total reserves:											

3.4 For "Total Remaining Reserves in Place" (sum of items shown in 3.1, 3.2, and 3.3) show percent recoverable by surface mining (strip and auger): ☐ %

For remarks or additional use as necessary. Please indicate the item number to which reference is made.

4. THIS SECTION SHOULD BE COMPLETED FOR *EACH* UNDERGROUND MINE, STRIP MINE, O AUGER MINE WHICH PRODUCED 100,000 TONS OR MORE IN 1967.

4.1 Mine identification:

4.1.1 Type of mine covered by this report:

4.1.1.1 Check one:

Underground ☐ Strip ☐ Auger ☐

4.1.1.2 Check one, whichever is more than 50 percent of production:

Commercial ☐ Captive ☐

4.1.2 Name of reporting company____

____

4.1.3 Name of mine____

4.1.4 Identification number assigned to this mine by the Bureau of Mines________________

4.1.5 Location of mine: State ________________ County ________________

Post Office ________________

4.1.6 Producing District Number____

4.1.7 Mine shipping point____

Railroad________________ River ________________

4.1.8 Year mine started________________

4.1.9 Anticipated remaining life of mine (No. of years) ________

4.1.10 Name or number of coal seam ____

4.1.11 Average thickness of seam mined, excluding partings, in inches: ________________

4.2 Coal production in 1967. (Include all coal shipped to consumers and used for mine fuel; exclude purchased coal and washery or other refuse):

4.2.1 Production and work force in 1967, by shifts:

Shifts	Total production (short tons)	Average number of men working daily	Manshifts worked
4.2.1.1 1st shift (day)	----------	----------	----------
4.2.1.2 2d shift (afternoon)	----------	----------	----------
4.2.1.3 3d shift (night)	----------	----------	----------
4.2.1.4 Total	----------	----------	----------

4.2.2 If additional markets were available, how much more coal could be produced at this mine, without additional capital investment and by working additional shifts using present equipment and working places and with adequate manpower? Short tons per 24 hours ----------

4.2.3 If any *increases* in production of this mine are scheduled or actually under way at this time, please supply the information requested below.

4.2.3.1 Mine expansion schedule:

4.2.3.1.1 Date of start of mine expansion ----------

4.2.3.1.2 Expected completion date of mine expansion ----------

4.2.3.1.3 Planned tonnage increase per 24 hours (short tons) ----------

4.2.3.2 Requirements for increase in production at this mine:

4.2.3.2.1 Number of supervisors needed ----------

4.2.3.2.2 Number of employees needed

4.2.3.2.2.1 Electrical ----------

4.2.3.2.2.2 Mechanical ----------

4.2.3.2.2.3 Continuous mining machine operations ----------

4.2.3.2.2.4 Other ----------

4.2.3.2.3 Cost of additional plant and equipment needed to attain increased output, including preparation plant $----------

4.2.3.2.4 Approximate total capital cost, including assigned reserves, per annual ton of increased output $----------

4.2.3.2.5 Other requirements (explain) ----------

4.2.4 If any *decreases* in production at this mine are scheduled or actually under way, check the reason(s) for the curtailment below:

4.2.4.1 Lack of manpower---------- ☐

4.2.4.2 Depletion of reserves---------- ☐

4.2.4.3 Decline in market demand---------- ☐

4.2.4.4 Other reason(s) (explain) ----------

4.2.4.5 Planned tonnage decrease per 24 hours (short tons) ----------

4.2.5 **Coal mechanically cleaned in 1967:**

4.2.5.1 **Of the total production from this mine (Item 4.2.1.4) report the tonnage mechanically cleaned (net tons of cleaned product)** --

4.2.5.2 **Average sulfur content (percent):**

Raw coal ---------------------------
Cleaned coal -------------------------

4.2.5.3 **Average daily capacity of coal preparation plant * (tons)** -----------------------------------

4.2.5.4 **Average number of shifts coal preparation plant operated per day *** -------------------------

4.2.5.5 **Total net tonnage cleaned at preparation plant * (tons)** -----------------------------------

*If coal from this mine was mixed with coals from other mines operated by your company for cleaning, supply the information for the central plant on only one mine report and list the names of such other mines.---

----

4.3 **Coal marketed in 1967:**

4.3.1 **Shipments** *from this mine* **in 1967, by principal consumer uses and exports, average sulfur content, and value:**

Item	Domestic (United States)				Exports [2]	Total [3]
	Electric utilities	Coke & gas plants	Other industrial uses and retail dealers	All other U.S. dispositions [1]		
4.3.1.1 Quantity (short tons)						
4.3.1.2 Average sulfur content as shipped, dry basis (percent)						▨
4.3.1.3 Average value per ton f.o.b. mine (dollars)						

[1] Include railroad fuel, shipments to Great Lakes and tidewater commercial docks (excluding Canada), mine fuel, sales to mine employees, and net change in mine inventory.

[2] Including Canada.

[3] Total tons shown should be the same as reported in Item 4.2.1.4.

4.3.2 **If the information needed to complete 4.3.1 above is not available to the producing company for this mine, please provide the name(s) and address(es) of distributors, sales agents, or other marketing organization(s) through which coal moved to market, and the tons handled by each.**

Name of marketing organization	Address	Tons

4.3.3 If any part of the production from this mine is contracted or otherwise committed *for more than one year*, please indicate below the average annual tons committed and the remaining years for which committed:

Years:	1–5	6–10	11–15	Over 15
Average annual tons				

YOUR COOPERATION IN COMPLETING THIS REPORT IS APPRECIATED.

If any reports are published in composite form based on the information provided in these questionnaires and you wish to have a copy, please check here: ☐

Based upon the information in this report, may the Bureau of Mines publish data which could reveal your operations?
Value data? Yes ☐ No ☐ Other data? Yes ☐ No ☐

Signature

Official Position

Date of report

Form 6-1401-A
(May 1968)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Budget Bureau No. 42-R0839.
Approval expires November 1970.

INDIVIDUAL COMPANY DATA-CONFIDENTIAL

Unless authorization is granted in the section above the signature, the data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

BITUMINOUS COAL AND LIGNITE PRODUCTION AND MINE OPERATION

CALENDAR YEAR 1969

(Please correct if name or address has changed.)

Please reply to the following questions and return the schedule to the Bureau of Mines in the enclosed envelope.
Kind of operation (check one) Underground ☐ Strip ☐ Auger ☐
A separate report should be made for each underground mine, strip mine, or auger mine.

1. Identification

(a) Name of reporting producer

(b) Mailing address of producer	Street	City	State

(c) Name of mine

(d) Location of mine	State	County	Post office

(e) Description of mine:

(1) Name or number of coal seam__________ Average thickness, excluding partings (Inches)__________
(2) If mine produced no coal during year, check reason: Idle ☐ Abandoned or out of business ☐
(3) Did mine change hands during year? Yes ☐ No ☐ If yes, please give date of change__________
Name of other producer__________
Address__________

2. Production (Include all coal shipped to consumer and that used for mine fuel; exclude purchased coal and washery or other refuse):	Quantity in net tons
(a) Loaded at mine for shipment by rail or water (Include coal hauled by truck to railroad siding or waterway)	
(b) Shipped by truck or wagon from mine to final destination (Exclude coal used by mine employees)	
(c) All other coal (Include coal used at mine for power and heat, made into beehive coke at mine, used at mine for all other purposes, used by mine employees, and transported from mine to point of use by conveyor, tram, or pipeline)	
(d) Total production	

3. Production and value by disposition	Net tons	Total value f.o.b. mine
(a) Coal sold in open market and used as colliery fuel		$
(b) Coal not sold in open market (Estimate value)		$
(c) Total (For total quantity see item 2(d)		$

(OVER)

4. Transportation routes for total tonnage in item 2(a) preceding

A. Name of railroad or waterway on which product was first loaded	B. Net tons loaded	C. Tonnage included in B, shipped by unit train

5. Underground mines

(a) Coal cut by different methods:		Quantity in net tons
(1) Cutting machines (Number)		
(2) Shot from solid and cut by hand		
(3) Continuous mining machines (See items 5(c): (5), (6), (7) and (8))		
(4) Longwall machines (See item 5(c): (4))		
(5) Total production (See item 2(d))		
(b) Power drilling:	Number of drills	Total tons of coal drilled
(1) Coal drills: Hand-held and post-mounted		
Mobile drills		
(2) Rock drills: For roof bolting	Number of rotary	Number of percussion
For other uses		
(c) Coal loaded by different methods:	Number of machines	Net tons loaded Exclude refuse
(1) Mobile loading machines — Into mine cars or onto conveyors		
(2) Mobile loading machines — Into shuttle cars		
(3) Mobile loading machines used with continuous mining machines		▨
(4) Longwall machines (Planer ☐ or Shearer ☐)		
(5) Continuous mining machines — Directly onto conveyors		
(6) Continuous mining machines — Directly into shuttle cars		
(7) Continuous mining machines — Onto bottom, mobile loaders (See item (3))		
(8) Continuous mining machines — Directly into rubber-tired mine cars		
(9) Duckbills, scraper loaders, and hand-loaded conveyors[1]		
(10) Total mechanically loaded	▨	
(11) Hand loaded into mine cars or shuttle buggies	▨	
(12) Total production (See item 2(d))	▨	

---

[1] Count each conveyor advancing a room face or entry face, or working on a pillar as a machine or unit. Omit conveyors which perform a transportation function only.

(d) Underground haulage

Locomotives, rail (Number)			Tractors, rubber-tired (Number)	Mine cars				Rail track (Miles)		Shuttle cars, including surge cars, machine-loaded (Number)		Shuttle buggies, hand-loaded (Number)	Conveyors, gathering and haulage[2]	
Electric		All others		Rail		Rubber-tired		Main line	All others					
Trolley	Battery			Number	Capacity (Tons)	Number	Capacity (Tons)			Cable-reel	Battery		Number	Average length

[2] Include gathering, main haulage and extensible belt conveyors with capacity to handle over 500 feet of conveyor. Omit main slope and face or room conveyors.

6. Auger and strip mines

(a) Total production mined by auger

(b) Total production mined by stripping net tons.

(c) Overburden excavated net tons. cubic yards. Average thickness, overburden feet.

(d) Equipment

Type of machine	Total number of machines	Number of machines classified by kind of power used				Number of machines classified by dipper or bucket capacity in cubic yards			
		Electric	Diesel electric	Diesel	Gasoline	Less than 3	3-5 inclusive	6-12 inclusive	More than 12
(1) Coal recovery augers		▨	▨	▨	▨	▨	▨	▨	▨
(2) Power shovels									
(3) Dragline excavators									
(4) Carryall scrapers		▨	▨	▨	▨				
(5) Bulldozers		▨	▨	▨	▨	▨	▨	▨	▨

(e) If the equipment listed above was used at more than one mine, state the names of the other mines.

(f) Number of power drills in bank or overburden: (1) Horizontal (2) Vertical

(g) Haulage (From pit to tipple or ramp):

Average distance coal was hauled from pit to tipple or ramp miles.

Number of trucks or tractors Average capacity per unit net tons.

7. Mechanical cleaning (Include coal from other mines and purchased coal. List tonnage by type of equipment, estimate if necessary)

Item	Wet-washing methods			Pneumatic methods
(a) Type of equipment				
(b) Net tons of raw coal cleaned	tons	tons	tons	tons
(c) Net tons of cleaned product	tons	tons	tons	tons
(d) Net tons of refuse	tons	tons	tons	tons
(e) Sizes cleaned				

(f) Name of cleaning plant Location

(OVER)

8. Thermal drying (Exclude electrically heated vibrating screens)

Type or make	No. of units	Size of feed	Net tons dried

9. Mechanical crushing. Estimate of net tons of coal crushed:

10. Treatment of coal for allaying dust (Tipple treatment of coal for shipment)

Size[2] treated	Treatment material[3]	Estimate of net tons treated

[3] Calcium chloride, oil, wax, or other.

Remarks:

Reports containing final annual statistical information for bituminous coal and lignite are published in two forms—Commodity (covering domestic and foreign data for bituminous coal and lignite) and State (covering all mineral commodities in a geographical area). If you desire a copy of one or both of these reports please check the appropriate box—

Commodity ☐ State ☐

Person to be contacted regarding this report:

Name Tel. area code No. Ext.

Address: (No.) (Street) (City) (State) (Zip)

Based upon the information in this report, may the Bureau of Mines publish data which could reveal your operations?

Value data? Yes ☐ No ☐ Other data? Yes ☐ No ☐

Signature	Title	Date

Form 6-1303-M
(August 1969)

804

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20240

Budget Bureau No. 42-R0036.
Approval expires March, 1972.

INDIVIDUAL COMPANY
DATA—CONFIDENTIAL

BULK TERMINAL STOCKS OF FINISHED PETROLEUM PRODUCTS

(Please correct if name or address has changed.)

Return one copy of the completed form by the 25th of the month in the enclosed envelope.
See explanatory notes on the reverse of this form.

REPORT ALL FIGURES IN THOUSANDS OF BARRELS

District (1)	Gasoline		Special Naphthas (4)	Jet fuel		Kerosine (7)	Fuel oil			Lube oils and greases (11)	Asphalt (12)	Miscellaneous finished oils (13)
	Motor (2)	Aviation (3)		Naphtha type (5)	Kerosine type (6)		Distillate type (8)	No. 4 (9)	Residual type (10)			
East Coast, total[1]...												
New England												
Middle Atlantic...												
South Atlantic												
Appalachian: District 1												
District 2												
Indiana, Ill., Ky., etc.												
Minn., Wis., N.Dak., S.Dak.												
Okla., Kans., Mo., etc.												
Texas Inland												
Texas Gulf												
Louisiana Gulf												
Ark., Inland La., etc.												
New Mexico												
Rocky Mountain												
West Coast												
Total												

[1] New England: Maine, New Hampshire, Massachusetts, Rhode Island, Connecticut, and Vermont.
Middle Atlantic: Eastern New York, New Jersey, Eastern Pennsylvania, Delaware, Maryland, and District of Columbia.
South Atlantic: Virginia, North Carolina, South Carolina, Georgia, and Florida.

Signature	Position	Date

(OVER)

Form 6-1334-A
(November 1968)
B19

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20240

CAPACITY OF PETROLEUM REFINERIES

Budget Bureau No. 42-R0035.
Approval expires March 1972.

INDIVIDUAL COMPANY DATA–CONFIDENTIAL

Unless authorization is granted in the section above the signature, the data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

(Please correct if name or address has changed.)

Return one copy of the completed form in the enclosed envelope. See instructions on other side.

Section I. Identification

1. Location of refinery *(nearest town)* ____________
2. Type of plant *(check one or more)* ☐ Skimming ☐ Cracking ☐ Asphalt ☐ Coking ☐ Lube ☐ Wax
   Other *(specify)* ____________
3. If idle, give approximate date of last operations ____________
4. If building, or temporarily idle, give approximate date operations will begin ____________
5. If your plant has been sold (or leased), give name and address of present operators ____________

Section II. Capacity of refining facilities as of January 1, 1969

(Barrels per calendar day)

Process	Operating	Shutdown		Building		Fresh feed (Operating and shutdown)
		Operable	Inoperable	Replacement	Addition	
	(1)	(2)	(3)	(4)	(5)	(6)
A. Crude oil distillation						▨
B. Reforming and Cracking:	(For Columns 1 – 5 report in terms of gasoline output)					▨
Catalytic cracking						
Catalytic reforming						
Hydrocracking						
Coking						
Thermal cracking						
Thermal reforming						
Alkylation						

Section III. Storage capacity *(shell)* at this location as of January 1, 1969:

(1,000 barrels)

A. Crude oil ____________
B. Finished products:
   Motor gasoline ____________
   Jet fuel (all grades) ____________
   Middle distillates ____________
   Residual fuel oils ____________

May the Bureau of Mines disclose your individual data shown only in Sections I and II in its publication, "Petroleum Refining Capacity in the United States and Puerto Rico"?

☐ Yes ☐ No

Signature	Title	Date

OVER

INSTRUCTIONS

1. Capacity is the maximum daily average number of barrels of crude oil or feedstock that can be charged to a unit allowing for normal maintenance downtime.

2. Shutdown facilities requiring extensive reconditioning should be reported as inoperable. Report all other shutdown facilities as operable.

3. Crude oil capacity should be based on (1) charging the types of crude oil available, or expected to be available, (2) charging crude oil only, not mixtures of crude oil and lighter products such as natural gas liquids, and (3) normal yearly average operations when processing crude oil to the kinds of products generally manufactured. If some crude oil is consistently charged to cracking units, please include in the crude oil capacity the daily amount of such charge and footnote the amount so included.

4. In Section II, quantities reported as fresh feed capacity should be greater than the sum of gasoline output capacity reported as operating (Col. 1) and shutdown (Cols. 2 and 3) for each process, except hydrocracking.

5. Gasoline output capacity represents the daily average amount of C_5 to 400 E.P. gasoline that can be produced under maximum sustained throughput of charging stocks as reported in Section II, (Col. 6).

GPO 848-209

Form 6-1342-A
(October 1969)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
206 Federal Building
Bartlesville, Oklahoma 74003

CARBON BLACK

(From natural gas and petroleum hydrocarbons)

Budget Bureau No. 42-[illegible]
Approval expires November 1972

INDIVIDUAL COMPANY DATA-CONFIDENTIAL

Unless authorization is granted in the section above the signature, the data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

(Please correct if name or address has changed.)

Please provide the following information and return this form as promptly as possible in the enclosed envelope. An extra copy is provided for your files. Reasonable estimates may be used wherever exact figures are not available. Use a separate form for each plant for making the Detailed Statement on page 2. Only one Consolidated Statement need be made. If you had no output, please check ☐ and answer remaining pertinent questions.

CONSOLIDATED COMPANY REPORT *(Covering all operations of your company during calendar year)*

Grade (1)	Quantity (Thousands of pounds) (2)
1. Stocks, January 1	
SRF	
HMF	
GPF	
FEF	
HAF	
SAF	
ISAF	
Thermal	
Total furnace	
Channel	
Total stocks	
2. Production	
3. Purchases	
4. Grand total[1]	

Grade (1)	Quantity (Thousands of pounds) (2)
5. Domestic sales during year to	
Rubber companies	
Ink companies	
Paint companies	
Other companies[2]	
Total other companies	
Total domestic sales	
6. Exports during the year	
7. Losses during the year	
8. Stocks, December 31	
SRF	
HMF	
GPF	
FEF	
HAF	
SAF	
ISAF	
Thermal	
Total furnace	
Channel	
Total stocks	
9. Grand total[1]	

Abbreviations used

SRF - Semireinforcing furnace
HMF - High-modulus furnace
GPF - General purpose furnace
FEF - Fast-extrusion furnace
HAF - High-abrasion furnace
SAF - Superabrasion furnace
ISAF - Intermediate-abrasion furnace

---

[1] Total in line 4 should equal total in line 9.
[2] Please specify type of product manufactured.

OVER

PLANT REPORT *(Prepare a separate report for each plant)*

1. Name of plant ______________________ **Capacity (lbs. per day)** ______________________

2. Location of plant:
Nearest town ______________________ **County** ______________ State ______________

3. Name of operator ______________________ **Address** ______________________

4. Name of owner ______________________ **Address** ______________________

5. Production **during the year by grades**

Grade (1)	Quantity *(Thousands of pounds)* (2)	Market value (f.o.b. plant) *(Thousands of dollars)* (3)	FOR OFFICE USE (4)
SRF		$	
HMF			
GPF			
FEF			
HAF			
SAF			
ISAF			
Thermal			
Total furnace			
Channel			
Total carbon black			

6. Raw materials **used in production of carbon black reported under Item 5. Exclude plant fuel use.**

6.1 Natural gas

Pressure base ______________ *(Pounds)* **Quantity** ______________ *(Million cubic feet)* **Cost** $ ______________ *(Thousands of dollars)*

6.2 If natural gas was combined with liquid hydrocarbons to provide an enriched feedstock, please check ☐

6.3 Liquid hydrocarbons .... **Quantity** ______________ *(Thousands of gallons)* **Cost** $ ______________ *(Thousands of dollars)*

7. **Average yield of carbon black from raw materials consumed (estimate if necessary)**

From natural gas ______________ *(Pounds per Mcf)* **From liquid hydrocarbons** ______________ *(Pounds per gallon)*

Remarks ______________________

Name of person to be contacted regarding this report			Tel. area code	No.	Ext
Address No.	Street	City		State	Zip

Based upon the information in this report, may the Bureau of Mines publish data which could reveal your operations

Value data ☐ (1) Yes ☐ (2) No **Other data** ☐ (1) Yes ☐ (2) No

Signature	Title	Date

GPO 854-620

Form 6-1365-M
(November 1969)

B31

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20240

COKE AND COAL-CHEMICAL MATERIALS

Budget Bureau No. 42-R0072.
Approval expires March 1972.

INDIVIDUAL COMPANY DATA—CONFIDENTIAL

The data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

Please separate forms at perforations

An extra copy is provided for your files

(Please correct if name or address has changed.)

This questionnaire is for the purpose of obtaining information relating to the coke industry for publication in the Minerals Yearbook and other reports of the Bureau of Mines for the information and guidance of industry, Government, and the public. Please complete the form and return it *by the 15th of the month* in the enclosed envelope. If your company operates more than one plant within a State, data for such plants may be combined on one form, if more convenient. Beehive coke-plant operators are requested to complete first three items only. Your cooperation is sincerely appreciated.

1. Production of coke and breeze during month

Product (1)	Code (2)	Unit of measure	Quantity (3)	Received from other sources during month (4)	
(a) Coke *(excluding breeze)*	0101	[illegible]			
(b) Breeze	0102				

2. Coking coals

Type (1)	Code (2)	Unit of measure	Carbonized during month (3)	Stocks, end of month (4)	
(a) Bituminous	0211	[illegible]			
(b) Anthracite	0212				

3. Disposal of coke and breeze

End use (1)	Code (2)	Unit of measure	Transferred to integrated operations and to affiliated companies, not sold during month (3)	Commercial sales during month (4)	Stocks, end of month (5)
Coke:					
Blast-furnace	0311				
Foundry	0312				
Other industrial	0313				
Residential and commercial heating	0314				
Total coke	0319				
Breeze:					
Steam generation	0321				
Agglomerating iron ore	0322				
Other industrial use	0323				
Total breeze	0329				

OVER

4. Production, receipts, disposition, and stocks of coal-chemical materials

Products (1)	Code (2)	Adj	Unit of measure			Production during month (3)	Received from other sources during month (4)	Consumed at this plant during month[1] (5)	Shipments during month		Do not use (8)	Stocks, end of month (9)
			Pounds	Short tons	Gallons				Transferred to affiliated plants (6)	Sales (7)		
Ammonia products:												
Ammonium sulfate	0401			✓								
Ammonia liquor (NH3 content)	0402			✓								
Di- and mono-ammonium phosphate	0403			✓								
Crude coal tar	0410				✓							
Distilled or topped	0411				✓							
Burned as fuel	0412				✓							
Used as otherwise	0413				✓							
Tar derivatives:												
Crude chemical oil (*tar acid oil*)	0421				✓							
Sodium phenolate or carbolate	0422				✓							
Phenol:												
82% – 84%	0423		✓									
All other grades	0424		✓									
Cresols:												
Ortho	0431		✓									
Ortho-Meta-Para	0432		✓									
Cresylic acid	0433		✓									
Naphthalene:												
Solidifying under 74°C	0441		✓									
From 74°C to 79°C	0442		✓									
Creosote oil:												
Distillate as such (100% creosote)	0451				✓							
Creosote-coal tar solution (100% solution basis)	0452				✓							
Creosote content of solution (100% creosote basis)	0453				✓							
Pitch of tar:												
Soft (s.p. under 110°F)	0461			✓								
Medium (s.p. 110° to 160°F)	0462			✓								
Hard (s.p. over 160°F)	0463			✓								
Tar bases:												
Crude pyridine	0471				✓							
Refined pyridine	0472		✓									
All other refined tar bases (specify)	0473		✓									
All other tar derivatives (*specify character and unit of measurement*)	0487											
Intermediate light oil	0488				✓							
Crude light oil	0489				✓							
Light oil derivatives:												
Benzene:												
Specification grades (1°, 2°, 90%)	0491				✓							
Other industrial grades	0492				✓							
Toluene:												
Specification grades (1°, 2°)	0493				✓							
Other grades	0494				✓							
Xylene (*all grades*)	0495				✓							
Solvent naphtha (*all grades*)	0496				✓							
All other light oil derivatives (*specify*)	0497				✓							
					✓							
					✓							

---

[1] *Include all material (including that received from other sources) processed or refined into other products.*

Name of person to be contacted regarding this report	Tel. Area Code	No.	Ext.
Address: No. Street	City	State	Zip
Signature	Title		Date

GPO 853-886

Form 6-1309-M
(September 1968)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20240

CRUDE PETROLEUM GATHERED FROM LEASES IN SELECTED STATES

Budget Bureau No. 42-R0054.
Approval expires March 1972.

INDIVIDUAL COMPANY DATA—CONFIDENTIAL

The data furnished in this report will be treated in confidence by the Department of the Interior except that they may be disclosed to defense agencies

Please separate forms at perforations

Retain a copy for your files

(Please correct if name or address has changed.)

Return one copy of the completed form by the 25th of the month in the enclosed envelope.

INSTRUCTIONS FOR COMPLETING THIS FORM

1. The information collected on this form is used by the Bureau of Mines to compile monthly crude petroleum production data for the States listed. Production data for States not listed on the form are obtained by the Bureau from published sources. Report all crude oil received from leases for the States listed. Please do not report for any States not listed. Crude oil reported should include field condensate and drips but exclude topped crude and other unfinished oils. Natural gas liquids produced at natural gas processing plants and mixed with crude oil should also be excluded.

2. Report all figures in THOUSANDS OF BARRELS of 42 gallons.

3. All figures should represent actual physical movement of crude oil.

4. This report should be prepared on a custody basis by the reporting company, regardless of ownership of the crude oil or the pipeline. Report all crude oil received from leases into systems operated by your company on a lease arrangement and exclude those owned by your company but leased to and operated by another company. The report should reflect gross interest and not just the reporting company's partial interest.

Producing state	Crude oil received from leases (Thousands of barrels)	
	Into gathering systems operated by your company	Via trucks directly into trunk systems operated by your company
New York		
Pennsylvania		
Ohio:		
Pennsylvania grade		
Other grades		
West Virginia		
Illinois		
Indiana		
Missouri		
Wyoming		

Signature	Official position	Date of report

GPO 848-646

Form 6-1311-M
(August 1969)

809

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20240

CRUDE OIL STOCKS

Budget Bureau No. 42-R0001.
Approval expires March 1973.

INDIVIDUAL COMPANY DATA—CONFIDENTIAL

The data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies

(Please correct if name or address has changed.)

Return one copy of the completed form by the 25th of the month in the enclosed envelope.
See explanatory notes and instructions on the reverse side.

Stocks held in the CUSTODY of your company— ON THE LAST DAY OF ____________

TYPE AND STATE OF ORIGIN	Code	Fill in below the names of the States in which stocks are held. If stocks are held in more than 8 States, please use additional sheets. (Thousands of barrels of 42 gallons)								TOTAL BY ORIGIN
A. Stocks at refineries or in transit thereto:										
Origin:										
Alabama	01									
Alaska	50									
Arizona	02									
Arkansas	03									
California	04									
Colorado	05									
Florida	09									
Illinois	12									
Indiana	13									
Kansas	15									
Kentucky	16									
Louisiana	17									
Michigan	21									
Mississippi	23									
Montana	25									
Nebraska	26									
Nevada	27									
New Mexico	30									
New York	31									
North Dakota	33									
Ohio: 1. Pennsylvania grade	34									
2. Other grades	34									
Oklahoma	35									
Pennsylvania	37									
Texas	42									
Utah	43									
West Virginia	47									
Wyoming	49									
Foreign	81									
Total refinery stocks	59									

(OVER)

TYPE AND STATE OF ORIGIN	Code	Fill in below the names of the States in which stocks are held. If stocks are held in more than 8 States, please use additional sheets. (Thousands of barrels of 42 gallons)								TOTAL BY ORIGIN
B. Pipeline and tank-farm stocks (Incl. PL fill):										
Origin:										
Alabama	01									
Alaska	50									
Arizona	02									
Arkansas	03									
California	04									
Colorado	05									
Florida	09									
Illinois	12									
Indiana	13									
Kansas	15									
Kentucky	16									
Louisiana	17									
Michigan	21									
Mississippi	23									
Montana	25									
Nebraska	26									
Nevada	27									
New Mexico	30									
New York	31									
North Dakota	33									
Ohio: 1. Pennsylvania grade	34									
2. Other grades	34									
Oklahoma	35									
Pennsylvania	37									
Texas	42									
Utah	43									
West Virginia	47									
Wyoming	49									
Foreign	81									
Total pipeline and tank-farm stocks	69									
C. Producers' (lease) stocks	79									
Total by location (sum of A, B, and C)	99									

Stocks reported above located in the Texas-Louisiana Gulf Coast area (Code 91): *Bbls*

EXPLANATORY NOTES

General:

1. Report all figures in THOUSANDS OF BARRELS of 42 gallons.
2. All figures should represent actual physical inventories of crude oil on the last day of the month.
3. Report all stocks of crude oil on a custody basis, regardless of ownership.

Definitions:

1. *Crude oil.* — A mixture of hydrocarbons that existed in the liquid phase in natural underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities. Include field condensate and drips but exclude topped crude and other unfinished oils. Exclude natural gas liquids produced at natural gas processing plants and mixed with crude oil.
2. *Stocks.* — Report stocks corrected to 60°F. less bottom settlings and water (BS&W).

Instructions for Completing Form 6-1311-M:

SECTION A:

1. Include all crude oil stocks of domestic origin held at refineries and in transit thereto except by pipeline. Include as stocks of foreign origin, only those that have cleared customs or for which duty has been paid. Exclude stocks of foreign origin held in bonded storage.
2. Total refinery stocks of crude oil at the end of the month shown on this report should be the same as those reported on lines 1(a) and 1(b) of Form 6-1300-M, "Refinery Report."

SECTION B:

Include all crude oil stocks of domestic origin held in tank farms operated by the reporting company, including pipeline fill and stocks in working tanks of pipelines. Include as stocks of foreign origin only those that have cleared customs or for which duty has been paid. Exclude stocks of foreign origin held in bonded storage.

SECTION C:

Report end-of-month stocks of crude oil held in tanks on leases operated by the reporting company.

Signature	Title	Date

GPO 853-519

Form No. 6-1619-Q
(January 1968)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20240

Bureau of the Budget No. 42-R1296
Approval expires March 1971

DISTRIBUTION OF BITUMINOUS COAL AND LIGNITE SHIPMENTS

INDIVIDUAL COMPANY DATA—CONFIDENTIAL

Unless authorization is granted in the spaces above the signature, the data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

DURING THE QUARTER ____________________

ITEM 1—NAME AND ADDRESS OF COMPANY AND NUMBER OF PRODUCING DISTRICT OF ORIGIN

A. Name of Company ____________________

B. Address of Company ____________________

C. Producing District number (See definition in instructions) ____________________

Please reply to all pertinent questions on the form and return one copy as promptly as possible in the enclosed envelope which requires no postage.

ITEM 2—MINE ORIGIN OF COAL

A. Coal *Produced* at mines and cleaning plants of company. (If additional space is needed enter under "Remarks".)

Name of mine(s) or cleaning plant(s) — Tons

Total company coal produced in District specified in Item 1C above ____________________

B. Coal *Purchased* for further shipment. (Distributor and wholesaler companies report the coal marketed.) (If additional space is needed, enter under "Remarks".)

Name of producing company(ies) — *Address* — *Name of Mine(s)*

Total coal *purchased* for further shipment (or, in the case of distributors and wholesalers, coal marketed) from mines in District specified in Item 1C above ____________________

C. Grand total coal produced and purchased (or marketed, in the case of distributors and wholesalers). (Sum of totals in Items 2A and 2B) ____________________

ITEM 3—DISTRIBUTION OF SHIPMENTS

Report the distribution of the tonnage shown in Item 2C—Grand total coal produced and purchased (or coal marketed in the case of distributors and wholesalers). Railroad weights should be used when they are available. If your records do not show exact figures, please estimate the distribution detail requested. All figures should be reported in short tons of 2,000 pounds. Fractions of tons should be omitted.

METHOD OF MOVEMENT AND DESTINATION (a)	LINE NO.	COAL SHIPPED TO—				TOTAL OF COLS (b) THROUGH (e) (f)
		ELECTRIC UTILITIES (b)	COKE AND GAS PLANTS (c)	RETAIL DEALERS (d)	ALL OTHERS (e)	
A. Shipments by all-rail method of movement only (other than railroad fuel)						
1. New England						
a. Massachusetts	1					
b. Connecticut	2					
c. Maine, N. H., Vt. and R. I.	3					
2. Middle Atlantic						
a. New York	4					
b. New Jersey	5					
c. Pennsylvania	6					
3. East North Central						
a. Ohio	7					
b. Indiana	8					
c. Illinois	9					
d. Michigan	10					
e. Wisconsin	11					
4. West North Central						
a. Minnesota	12					
b. Iowa	13					
c. Missouri	14					
d. North Dakota and South Dakota	15					
e. Nebraska and Kansas	16					
5. South Atlantic						
a. Delaware and Maryland	17					
b. District of Columbia	18					
c. Virginia	19					
d. West Virginia	20					
e. North Carolina	21					
f. South Carolina	22					
g. Georgia and Florida	23					
6. East South Central						
a. Kentucky	24					
b. Tennessee	25					
c. Alabama and Mississippi	26					
7. West South Central (Ark., La., Okla. and Tex.)	27					
8. Mountain						
a. Colorado	28					
b. Utah	29					
c. Montana and Idaho	30					
d. Wyoming	31					
e. New Mexico	32					
f. Arizona and Nevada	33					
9. Pacific						
a. Washington and Oregon	34					
b. California	35					
10. Alaska	36					
11. Canada	37					
12. State and use unknown	38					
13. Total all-rail shipments	39					
B. Shipments via river method of movement only (other than railroad fuel) LIST STATES						
	1					
	2					
	3					
	4					
	5					
Total shipments via river	6					
C. Shipments via ex-river method of movement only (other than railroad fuel) LIST STATES						
	1					
	2					
	3					
	4					
	5					
	6					
	7					
Total shipments via ex-river	8					

Please continue form and sign certification on reverse

ITEM 3—DISTRIBUTION OF SHIPMENTS (Continued)

METHOD OF MOVEMENT AND DESTINATION (a)	LINE NO.	COAL SHIPPED TO— ELECTRIC UTILITIES (b)	COKE AND GAS PLANTS (c)	RETAIL DEALERS (d)	ALL OTHERS (e)	TOTALS OF COLS (b) THROUGH (e) (f)
D. Shipments via Great Lakes ports (other than railroad fuel)						
New York	1					
Pennsylvania	2					
Ohio	3					
Indiana	4					
Illinois	5					
Michigan	6					
Wisconsin	7					
Minnesota	8					
State and use unknown	9					
Canada	10					
Shipments to commercial docks						
United States	11					
Canada	12					
Vessel fuel	13					
Total shipments via Great Lakes	14					
E. Shipments via tidewater ports (other than railroad fuel)						
Massachusetts	1					
Connecticut	2					
Maine and Rhode Island	3					
New York	4					
New Jersey	5					
Pennsylvania	6					
Delaware and Maryland	7					
Virginia	8					
Other States (List) ________	9					
	10					
	11					
	12					
State and use unknown	13					
Canada	14					
Overseas exports (except Canada)	15					
Shipments to commercial docks	16					
Bunker fuel	17					
Total shipments via tidewater	18					
F. Shipments via truck (other than railroad fuel)—Destination known: LIST STATES						
	1					
	2					
	3					
	4					
State and use unknown	5					
Total shipments via truck	6					
G. Shipments via tramway, conveyor and private railroad (other than railroad fuel)—LIST STATES						
	1					
	2					
Total shipments via tramway, conveyor and private railroad	3					
H. Railroad fuel (Engine, powerhouse, and station use, all methods of movement)						
United States companies	1					
Canadian companies	2					
Total railroad fuel	3					
J. Shipments to distributors and wholesalers (destination and use unknown)—Total Tons	1					

I. Provide below names, addresses, and tons shipped to distributors and wholesalers when destinations and uses are unknown to you. Account for total tons reported in Item 3J. (If additional space is needed, enter under "Remarks.")

Name(s) of distributor(s) and wholesaler(s)	Address	Tons
Total shipments to distributors and wholesalers, destinations and uses unknown		

RECAPITULATION

ITEM 4—TOTAL SHIPMENTS (Bring forward totals of Items 3A through 3J)

Item	Line	Method of movement and use	Tons
3A	6	Total shipments via all-rail method of movement	
3B	6	Total shipments via river method of movement	
3C	8	Total shipments via ex-river method of movement	
3D	14	Total shipments via Great Lakes method of movement	
3E	18	Total shipments via tidewater method of movement	
3F	6	Total shipments via truck method of movement	
3G	3	Total shipments via tramway, conveyor, and private railroad	
3H	3	Total railroad fuel	
3J	1	Total shipments to distributors and wholesalers (destination and use unknown)	
		Total shipments	

ITEM 5— Coal used at mine(s) and sales to employees	
ITEM 6— Net change in inventory	
ITEM 7— Total coal produced and purchased (same as Item 2C)	

REMARKS

Your cooperation is appreciated. If you desire a copy of the published report, please check here

CERTIFICATION

Name and address of person who should be contacted if questions arise regarding this report

Telephone No.

BASED UPON THE INFORMATION IN THIS REPORT, MAY THE BUREAU OF MINES PUBLISH DATA WHICH COULD REVEAL YOUR OPERATIONS? YES ☐ NO ☐

SIGNATURE	OFFICIAL POSITION	DATE OF REPORT

GPO [illegible]

Form 6-1392 A

Retain a copy for your files

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF MINES

DISTRIBUTION OF PENNSYLVANIA ANTHRACITE

FOR THE COAL YEAR APRIL 1, 1969 to March 31, 1970

Budget Bureau No. 42-R0818
Approval expires October 1970

INDIVIDUAL COMPANY DATA - CONFIDENTIAL
Unless authorization is granted in the section above the signature, the data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

Please supply the data requested and return the original copy of the report in the enclosed self-addressed envelope.

A. Does this report cover the entire reporting period indicated above? Yes ☐ No ☐

B. If "No", please report the period covered by this report and the name and address of the previous or present owner or operator.

1. Period covered by this report ____________ to ____________

2. ____________ (Name) ____________ (Address)

PART I - SUMMARY OF INVENTORIES, PRODUCTION, PURCHASES, SHIPMENTS AND ADJUSTMENTS, BY SIZES

(Short tons)

ITEM	Broken and egg	Stove	Chestnut	Pea	Buckwheat No. 1	Rice	Barley	Other	Total
1. Coal in ground storage, April 1, 1968 -----									
2. Commercial production during the coal year									
3. Purchases (Total of Part IV) --------------									
4. Total supply (Sum of items 1, 2 and 3) --									
5. [illegible] other than to producers, wholesalers, and dock operators (Total of Part II) ----------------------									
6. [illegible] producers, wholesalers, and dock operators. (Total of Part III) ----------									
7. Total shipments (Sum of items 5 and 6) --									
8. Overages --------------------------------									
9. Losses from regrading of sizes ------------									
10. Coal in ground storage, March 31, 1969 ----									
11. Total (Sum of items 7, 9, and 10, minus item 8, should equal item 4) -----									

Based upon the information in this report, may the Bureau of Mines publish data which could reveal your operations? Yes ☐ No ☐

Signature	Official position	Date of report

Please also complete parts II, III, IV on following pages.

PART II - SHIPMENTS OF PENNSYLVANIA ANTHRACITE, BY SIZE, EXCLUDING SHIPMENTS TO PRODUCERS, WHOLESALERS, AND DOCK OPERATORS

(Short tons)

Destination	Broken and egg	Stove	Chestnut	Pea	Buckwheat No. 1	Rice	Barley	Other	Total
Connecticut:									
Rail									
Truck									
Total									
Delaware:									
Rail									
Truck									
Total									
District of Columbia:									
Rail									
Truck									
Total									
Illinois									
Maine									
Maryland:									
Baltimore:									
Rail									
Truck									
Total									
Other cities:									
Rail									
Truck									
Total									
Total:									
Rail									
Truck									
Total									
Massachusetts:									
Boston (rail only)									
Other cities:									
Rail									
Truck									
Total									
Total:									
Rail									
Truck									
Total									
Michigan									
Minnesota									
New Hampshire:									
Rail									
Truck									
Total									
New Jersey:									
Jersey City-Newark:									
Rail									
Truck									
Total									
Trenton:									
Rail									
Truck									
Total									
Other cities:									
Rail									
Truck									
Total									
Total:									
Rail									
Truck									
Total									

PART II - SHIPMENTS OF PENNSYLVANIA ANTHRACITE, BY SIZE, EXCLUDING SHIPMENTS TO PRODUCERS, WHOLESALERS, AND DOCK OPERATORS - (Continued)

(Short tons)

Destination	Broken and [illegible]	Stove	Chestnut	Pea	Buckwheat No. 1	Rice	Barley	Other	Total
New York:									
Albany:									
Rail									
Truck									
Total									
New York City:									
Rail									
Truck									
Total									
Rochester: (rail only)									
Syracuse:									
Rail									
Truck									
Total									
Other cities:									
Rail									
Truck									
Total									
Total:									
Rail									
Truck									
Total									
Ohio									
Pennsylvania:									
Allentown:									
Rail									
Truck									
Total									
Harrisburg:									
Rail									
Truck									
Total									
Philadelphia:									
Rail									
Truck									
Total									
Other cities:									
Rail									
Truck									
Total									
Total:									
Rail									
Truck									
Local Sales 1/									
Total									
Rhode Island:									
Rail									
Truck									
Total									
Vermont:									
Rail									
Truck									
Total									
Virginia:									
Rail									
Truck									
Total									

1/ See instruction sheet for outline of the "Local sales" area.

PART II - SHIPMENTS OF PENNSYLVANIA ANTHRACITE, BY SIZE, EXCLUDING SHIPMENTS TO PRODUCERS, WHOLESALERS, AND DOCK OPERATORS - (Continued)

(Short tons)

Destination	Broken and egg	Stove	Chestnut	Pea	Buckwheat No. 1	Rice	Barley	Other	Total
West Virginia:									
Rail --------------------									
Truck -------------------									
Total -----------------									
Wisconsin -----------------									
Other States (List):									
Total --------------------									
Total United States:									
Rail --------------------									
Truck -------------------									
Local sales 1/ -----------									
Total -----------------									
Canada:									
Ontario -----------------									
Quebec ------------------									
Other Provinces ----------									
Total Canada -----------									
Other Countries (List):									
Total -----------------									
Grand Total: United States, Canada, and Other Countries ------									

1/ See instruction sheet for outline of the "Local sales" area.

PART III - SHIPMENTS OF PENNSYLVANIA ANTHRACITE TO OR FOR THE ACCOUNT OF PRODUCERS, WHOLESALERS, AND DOCK OPERATORS

(Short tons)

Name and address of producer, wholesaler, or dock operator	Broken and egg	Stove	Chestnut	Pea	Buckwheat No. 1	Rice	Barley	Other	Total

PART IV - COAL PURCHASED FROM OR HANDLED FOR PRODUCERS, WHOLESALERS, AND DOCK OPERATORS

(Short tons)

Name and address of producer, wholesaler, or dock operator	Broken and egg	Stove	Chestnut	Pea	Buckwheat No. 1	Rice	Barley	Other	Total

INT.-BU.OF MINES,PGH.,PA. 13161

Form 6-1335-A
(November 1967)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20240

Budget Bureau No. 42R039.10.
Approval expires November 30, 1970.

INDIVIDUAL COMPANY
DATA—CONFIDENTIAL

The data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

FUEL CONSUMED FOR ALL PURPOSES AT REFINERIES

Please separate forms at perforations

Retain a copy for your files

(Please correct if name or address has changed.)

Return completed form in the enclosed envelope to Bureau of Mines, Section of Fuels—Petroleum, Division of Statistics, Washington, D. C. 20240.

1. Refinery location

2. Fuel consumed for all purposes at refineries.

Commodity	Unit of measure	Quantity
Fuel consumed during the year (include both fuels purchased and produced at the refinery):		
Crude oil used as fuel	Barrels	
Fuel oils (distillate and residual)	Barrels	
Acid sludge	Barrels	
Gas:		
Liquefied petroleum gases	Barrels	
Natural gas	Thousand cu. ft.	
Still gas (approx. .... B.T.U. per cu. ft.)	Thousand cu. ft.*	
Petroleum coke (including catalyst coke)	Short tons	
Coal	Short tons	
Purchased electric energy used during the year	Kilowatt hours	
Purchased steam used during the year	Pounds	

*Should compare with the quantities of still gas reported in Section I, line 11(b), of Form 6-1300-M, Monthly Refinery Report, for the year.

Signature	Official position	Date of report

GPO 839-363

Form 6-1337-A
(July 1969)

823

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20240

FUEL OIL AND KEROSINE SALES AND INVENTORIES

Budget Bureau No. 42-R0030.
Approval expires November 1973.

INDIVIDUAL COMPANY DATA—CONFIDENTIAL

The data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

(Please correct if name or address has changed.)

SEE INSTRUCTIONS AND DEFINITIONS ON REVERSE SIDE

1. Sales of fuel oil and kerosine during the year by States of destination and by uses.

(Insert names of States in column headings) →				
Type and use (1)	Code 2911	Barrels of 42 gals. (2)	Barrels of 42 gals. (3)	Barrels of 42 gals. (4)
A. Distillate-type fuel oils:				
1. Direct sales to consumers by your company for—				
a. Heating:				
(1) Grade #1 for automatic burners	400			
(2) Grade #1 for all other heating	410			
(3) Grade #2	420			
(4) Grade #4	440			
b. Industrial use	401			
c. Oil-company use (including own use)	402			
d. Railroad use	403			
e. Vessel bunkering	404			
f. Military use	405			
g. Electric utility companies	406			
h. On-highway diesel use	430			
i. Off-highway diesel use (construction equipment, etc.)	431			
j. All other uses	408			
2. Sales to dealers, resellers, and refiners	409			
3. Total (sum of A1 and A2)	411			
B. Residual-type fuel oils:				
1. Direct sales to consumers by your company for—				
a. Heating:				
(1) Grade #5	550			
(2) Grade #6	560			
b. Industrial use	501			
c. Oil-company use (including own use)	502			
d. Railroad use	503			
e. Vessel bunkering	504			
f. Military use	505			
g. Electric utility companies	506			
h. All other uses	508			
2. Sales to dealers, resellers, and refiners	509			
3. Total (sum of B1 and B2)	511			
C. Kerosine:				
1. Direct sales to consumers by your company for—				
a. Heating	300			
b. All other uses (excluding jet fuel)	308			
2. Sales to dealers, resellers, and refiners	309			
3. Total (sum of C1 and C2)	311			
D. Total all sales (sum of A3, B3, and C3)	999			

(OVER)

II. Inventories of fuel oils and kerosine.

(Insert names of States in column headings) →				
Inventories by type (1)	Code 2911-	Barrels of 42 gals. (2)	Barrels of 42 gals. (3)	Barrels of 42 gals. (4)
A. Beginning-of-year:				
1. Distillate-type fuel oil (including diesel)	477			
2. Residual-type fuel oil (including heavy diesel)	577			
3. Kerosine (excluding jet fuel)	377			
B. End-of-year:				
1. Distillate-type fuel oil (including diesel)	488			
2. Residual-type fuel oil (including heavy diesel)	588			
3. Kerosine (excluding jet fuel)	388			

If this company changed ownership during the year, please report name and address of present owner, and date sold:

(Name)	(Address)	(Date sold)

Signature	Title	Date

INSTRUCTIONS FOR COMPLETING THIS FORM

Report all figures in barrels of 42 gallons.

Companies which sold less than 10,000 barrels (420,000 gallons) of fuel oil and kerosine during the year are not requested to complete this form. Form should be so noted and returned.

This report of the distribution of your sales should cover all light and heavy fuel oils and kerosine sold during the year. Include all domestic sales of these products, whether purchased or of your own manufacture. Report sales by State of destination and inventories by State of location. A consolidated report covering all your company's fuel-oil and kerosine sales and inventories will be acceptable.

Please return one copy of the completed form by April 15. Before submitting the report, please compare it with the previous year's report and verify any inconsistencies such as the addition or elimination of states or products and any sizable differences in quantity data between the two years.

DEFINITIONS

DISTILLATE-TYPE FUEL OIL.—Include ASTM grades 1, 2, and 4 and distillate-type diesel fuel oil.

RESIDUAL-TYPE FUEL OIL.—Include ASTM grades 5 and 6, heavy diesel, Navy special and Bunker C oils used for generation of heat and/or power. Include acid sludge and pitch used for refinery fuel.

KEROSINE.—Include petroleum distillates suitable for use as an illuminant when burned in a wick lamp and kerosine sold for range oil.

HEATING.—Report all fuel oils used for heating purposes.

INDUSTRIAL USE (excluding heating and oil-company uses).—Report under this item all fuel oil sold to mines, smelters, and plants engaged in producing manufactured products.

OIL-COMPANY USE.—Report all fuel oil, crude oil, or acid sludge used as fuel at your refineries, by your pipelines, or in your field operations. However, oil sold to other oil companies or used by your own company to heat buildings and operate marine equipment should be reported under the proper categories. Sales to other oil companies for field use should be included but exclude sales for use as refinery charging stocks.

RAILROAD USE.—Include all fuel oil sold to railroads, except that used for heating buildings operated by railroads which should be reported as sales for "Heating."

VESSEL BUNKERING.—Report all fuel oil and diesel oil sold for ships bunkers and other marine purposes including own-company use. Exclude sales to the Armed Forces.

MILITARY USE.—Include all fuel oil sold to the Armed Forces, regardless of use.

ELECTRIC UTILITY COMPANIES.—Include all fuel oil sold to electric utility companies, including that used for the generation of electricity.

ALL OTHER USE.—Include agriculture, and any other use category not specified on the form.

INVENTORIES.—Report all beginning and ending inventories held by your company for the year indicated on form. Report on a custody basis regardless of ownership of these inventories.

GPO 883-513

FORM NO. 6-1325-T
(November, 1967)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20240

Budget Bureau No. 42-867016
Approval expires August 1968

CRUDE OIL
PIPELINE AND STORAGE SURVEY

INDIVIDUAL COMPANY DATA—CONFIDENTIAL.

The data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

Please correct if name or address has changed.

INSTRUCTIONS FOR COMPLETING THIS FORM

Pipe line companies are requested to complete this report covering active and inactive lines operated by them regardless of ownership.

Companies reporting pipe line data to the Interstate Commerce Commission on Form P are not requested to complete Item 1 of this form (please so note and return form). However, Items 2 and 3 should be completed since these data are not collected by the Interstate Commerce Commission.

Fractional or odd size pipe should be included in the next smaller size.

Report all figures in miles.

1. MILEAGE OF PIPELINES BY TYPE, SIZE AND STATE FOR ACTIVE AND INACTIVE LINES, INCLUDING ALL LOOPS AND PARALLEL LINES

State	Gathering lines		Trunk lines			
	Size I.D.	Mileage	Crude oil		Products[1]	
			Size I.D.	Mileage	Size I.D.	Mileage

---

[1] Include lines handling natural-gas liquids.

(OVER)

2. MILEAGE OF PIPE LINE LAID AND TAKEN UP BY TYPE, SIZE AND STATE, SINCE JANUARY 1, 1965

State	Gathering lines		Trunk lines			
			Crude oil		Products	
	Size I.D.	Mileage	Size I.D.	Mileage	Size I.D.	Mileage
a. New pipe laid						
b. Second-hand pipe laid						
c. Pipe taken up						

3. CRUDE-OIL STORAGE CAPACITY AT TANK FARMS AND TERMINALS OPERATED BY YOUR COMPANY, ON JANUARY 1, 1968, BY STATE

State	Barrels	State	Barrels

Signature	**Official position**	**Date of report**

GPO 935-915

Form 6-1423-AM
(September 1968)
(Formerly Form 6-1420B)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Budget Bureau No. 42-R1286.7.
Approval expires Feb. 28, 1970.

INJURIES AND EMPLOYMENT BITUMINOUS COAL AND LIGNITE MINES

Section 105 of the Federal Coal Mine Safety Act (30 U.S.C. sec. 455) requires you to furnish complete and correct information to the best of your knowledge concerning any and all accidents involving bodily injury or loss of life occurring at your coal mine. The information on this form is also required by the Federal Mine Safety Code. Each mine which employed 20 men or more on any one day is required to report monthly including those months the mine was idle. All other mines are required to report annually.

Name of operating company ....
Identification number assigned to this mine by Bureau of Mines ....
Office address ....
Name of mine .... Location of mine .... County ....

PART A—INJURIES

1. Enter on the first line the number of fatal and other *disabling work injuries*(*) that occurred during the period covered by this report. On the second line enter the number of delayed reports of injuries that occurred in previous months and have not been reported to date. If none, write "none." Attach an individual Form 6-1420 for each nonfatal injury. Fatal injury reports must be made at time of occurrence.

	Number of Fatal Injuries	Number of Nonfatal Injuries
Injuries during month or period covered by this report..........		
Previous injuries that have not been reported to date..........		

*A *disabling injury* is one which occurs in the course of and arises out of employment, irrespective of whether the injury is compensable and whether or not your establishment was operating on the days following the date of injury. The term "injury" includes occupational diseases. A disabling work injury is one which results in death or permanent impairment or which temporarily disables the worker for 1 full day or more after the day of injury (USAS Z16.1-1967).

2. List the names of men injured in previous periods who have returned to work but whose Forms 6-1420 did not show their return to duty date.

Name of Employee	Date Injury Occurred	Date Able To Return To Work	Note Any Change of Data Originally Reported for Kind or Severity of Injury

PART B—EMPLOYMENT AND PRODUCTION

REPORTING INSTRUCTIONS.—Report data for all men engaged in production, development, maintenance, and repair work—including supervisory and technical personnel at the operation. Include proprietors and firm members (owners, operators, or partners) performing manual labor. Report separate data on all office workers at the mine or plant. Exclude coke workers and employees in stores or affiliated industries other than the production of coal.

The average number of men working on active days may be computed approximately for each department by dividing the number of man-shifts by the number of days active. The number of calendar days active should include only the number of days during period each department was engaged in production or development work, including major construction work by your own employees. Report total man-shifts and man-hours worked during the period for each department, including both active and inactive (maintenance) days. Use actual records of man-shifts and man-hours whenever available, including overtime actually worked. If records of man-shifts or man-hours are not available, estimate them from payroll or other records. The number of man-shifts worked may be estimated from the number of man-hours by dividing the latter by the customary length of shift. Report the customary number of hours per shift per worker; do not indicate minor variations. For men on a portal-to-portal basis, include working time, plus travel time, plus lunch time. Exclude vacation hours.

DEPARTMENT (See Instructions on Reverse Side)	Average Number of Men Working On Active Days	Days Active	Total Man-Shifts Worked During Period	Length of Shift (Hrs.)	Total Man-Hours Worked During Period	Production of Clean Coal (Short tons)
(01) Underground..........						
(02) Surface (mine shops, yards, etc.)..........						X X X X X
(03) Strip pit..........						
(04) Auger..........						
(30) Mechanical cleaning plant..........						X X X X X
(00) Office workers..........						X X X X X

(OVER)

INSTRUCTIONS for supplying the data requested in Part B—Employment and Production:

Underground: include all men working below the surface, including the shaft and slope.

Surface: include all men engaged in any surface work about the mine necessary to the mining operation; exclude employees in the mechanical cleaning plant and office workers who are reported as separate groups.

Strip: include all men working in and around the pit and those engaged in transporting coal and materials to and from the pit.

Auger: report all employees directly engaged in auger mining or transporting coal or material to or from the auger operation.

Mechanical cleaning plant: include all activities in plants where coal is cleaned with mechanical devices. Do not include activities where coal is screened only.

Office workers: include all office employees directly connected with the production and preparation of coal at this operation.

Production: includes all coal shipped to consumers, and that used for mine fuel. Exclude purchased coal and refuse.

PART C—GENERAL INFORMATION

(Fill in the following only on December report or annual report)

1. How many mines do you consider as reported in the data on the reverse side? .... (Number)

If more than one, list names:

..................; ....; ....; ....

..................; ....; ....; ....

2. State number of shifts, per 24 hours, operation was usually worked during year ....

3. State the approximate percentage of your annual coal production that was loaded by mechanical methods (by mobile loaders, scrapers, pit-car loaders, conveyors with self-loading heads, or hand-loaded onto face conveyors): .... percent.

4. Average thickness of coalbed: .... feet .... inches (include partings).

5. If underground mine, indicate kind of opening: (1) ☐ Shaft; (2) ☐ Slope; (3) ☐ Drift.

NOTE.—Your mine was assigned an identification number by the U.S. Bureau of Mines. Only this number should appear on the face of this schedule opposite your firm name. If, however, you opened a new mine, or if your mine or any part of it has changed hands, in any way, since your last report; please indicate this information in the appropriate space below:

Business name and address of the predecessor ☐ or successor ☐ (check which) ....

....

....

Nature of the transaction: ☐ Sold; ☐ Purchased; ☐ Leased; ☐ Subcontracted. Date ....

If subcontracted, indicate:

Name and business address of the subcontractor ....

....

....

Identification and location of the operations subcontracted ....

.... Date subcontracted ....

If you have opened a new mine(s), give the name and location so that a number may be assigned ....

....

....

.... (Please type or print name of Company official to whom correspondence should be addressed)

.... (Official position)

.... (Signature)

GPO [illegible]

Form 6-1400-M
(September 1969)

B42
B43
B44

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20240

MONTHLY COAL REPORT

Budget Bureau No. 42-R1499.
Approval expires January 1973.

INDIVIDUAL COMPANY DATA–CONFIDENTIAL

The data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

Please separate forms at perforations

An extra copy is provided for your files

(Please correct if name or address has changed.)

INSTRUCTIONS

Please complete this form and return it in the enclosed envelope NOT LATER THAN the 15th of the month following the report month. Report in net tons (2000 lbs.).

MANUFACTURERS: Report bituminous coal only on lines 1, 2, 4, and 6. **Report each plant separately.**

RETAIL DEALERS: Report for both kinds of coal on lines 1, 2, 3, 5, and 6.

STEEL PLANTS: Report total for all plants for bituminous coal only on lines 4 and 6. Report bituminous steam coal and gas coal only. Exclude coal used in the manufacture of coke. Coal for by-product coke ovens should be reported monthly on Bureau of Mines Form 6-1365M.

UPPER LAKE DOCKS: Report on lines 1, 2, 3, and 6 for bituminous and anthracite coal. Docks on Lake Michigan and on Lake Superior should be reported on separate forms.

Entry in line 1 plus entry in line 2 (if any), minus any entries in lines 3, 4, and 5 should equal the entry in line 6.

1. Receipts, disposition, and stocks of bituminous and anthracite coal

Item	Total bituminous (Net tons)	Anthracite—by sizes (net tons)			
		Total all sizes	Egg, stove, and nut	Pea	Buckwheat No. 1 and rice
1. Stocks at beginning of month					
2. Receipts during month					
3. Deliveries during month					
4. Consumption during month		▨	▨	▨	▨
5. Yard losses and stock shrinkage during month					
6. Stocks at end of month					

(OVER)

2. Steel plants. Please list below names of plants covered in this report.

3. Upper lake docks. Please list below names of docks included in this report.

Remarks

Name of person to be contacted regarding this report | Tel. Area Code | No. | Ext.

Address: No. | Street | City | State | Zip

Signature | Title | Date

GPO 853-893

Form 6-1308M
(November 1966)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20240

Budget Bureau No. 42-R019.9.
Approval expires March 31, 1970.

INDIVIDUAL COMPANY
DATA—CONFIDENTIAL

MONTHLY TANKER AND BARGE SHIPMENTS OF CRUDE PETROLEUM AND PRODUCTS FROM P.A.D. DISTRICT III

(Please indicate any change necessary for correct name and address)

Please separate forms at perforations

Retain a copy for your files

Report both military and commercial shipments.

For completing this form see explanatory notes and instructions on reverse side. Return one copy of the completed form by the 25th of the month in the enclosed envelope.

REPORT ALL FIGURES IN THOUSANDS OF BARRELS OF 42 GALLONS

Product	Waterborne shipments during the month from P.A.D. District III				
	To P.A.D. District I		To P.A.D. District II	To P.A.D. District V	Total shipments to Districts I—V
	Via Tidewater	Via River*			
Crude oil					
Unfinished oils					
Motor gasoline					
Aviation gasoline					
Special naphthas					
Kerosine					
Distillate fuel oil					
Residual fuel oil					
Naphtha-type jet fuel					
Kerosine-type jet fuel					
Lubricants					
Wax					
Asphalt and road oil					
Liquefied gases					
Petrochemical feedstocks					
Other products					
Total					

*To West Virginia and western Pennsylvania via the Mississippi and Ohio rivers.

Signature	Official position	Date of report

(OVER)

EXPLANATORY NOTES

General:

1. Report all figures in THOUSANDS OF BARRELS of 42 gallons.
2. All figures should represent shipments of products from P.A.D. District III via tankers and barges during the month.

Descriptions of P.A.D. Districts For The Purpose of This Report:

1. *District I.*—Includes all Atlantic Coast States and West Virginia.
2. *District II.*—Includes the States of Illinois, Indiana, Iowa, Kentucky, Missouri, Ohio, Tennessee, and Wisconsin.
3. *District III.*—Includes the States of Texas, Louisiana, Mississippi, Alabama, and Arkansas.
4. *District V.*—Includes all Pacific Coast States, Alaska, and Hawaii.

Descriptions of Products:

1. *Unfinished oils.*—Include all oils shipped to refineries for further processing, except blending, such as naphtha distillate and cracking stocks.
2. *Gasoline.*—Breakdown into motor and aviation.
3. *Special naphthas.*—Include paint thinners, cleaner's, naphtha and solvents.
4. *Kerosine.*—Exclude kerosine-type jet fuel.
5. *Distillate fuel oil.*—Include A.S.T.M. Grades 1, 2, and 4 and distillate type diesel fuel.
6. *Residual fuel oil.*—Include A.S.T.M. Grades 5 and 6, Navy Special, and heavy diesel.
7. *Jet fuel.*—Breakdown into naphtha and kerosine types.
8. *Lubricants.*—Include greases.
9. *Wax.*—Include all marketable wax whether crude scale or refined. The conversion factor for wax is 280 pounds per barrel.
10. *Road oil.*—Include residual asphaltic oils used for dust laying and surface treatment of roads and highways.
11. *Liquefied gases.*—Include liquefied gases produced at petroleum refineries and natural-gas liquid plants for use as fuel.
12. *Petrochemical feedstocks.*—Include products of petroleum refineries and natural-gas liquid plants for use in the manufacture of petrochemicals.
13. *Other products.*—Include coke (factor: 5 barrels per short ton), petrolatum, absorption oils and other products not mentioned above.

GPO 831-810

Form 6-1305-M
(August 1969)

810

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20240

NATURAL GAS PROCESSING PLANT REPORT

Budget Bureau No. 42-R0737.
Approval expires January 1973.

INDIVIDUAL COMPANY DATA—CONFIDENTIAL

The data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

(Please correct if name or address has changed.)

LOCATION OF PLANT
COVERED BY THIS REPORT

COUNTY ______________ STATE ______________
NEAREST CITY OR TOWN ______________

Please return one copy of the completed form in the enclosed envelope by the 25th of the month.

NOTE: For Section I, the sum of columns 3, 4, and 6 should equal the sum of columns 7, 8, and 10.

I. STOCKS, RECEIPTS, PRODUCTION AND SHIPMENTS OF PRODUCTS IN NATURAL GAS PROCESSING PLANTS

(Barrels of 42 gallons)

Products (1)	Product code (2)	Stocks beginning of month (3)	Receipts during month (4)	Production during month (6)	Shipments during month (7)	Losses during month (8)	Stocks end of month (10)
1. Ethane (C_2)	1321-110						
2. Liquefied petroleum gases							
(a) Propane (C_3)	1321-231						
(b) Butane (C_4)							
(1) Isobutane	1321-233						
(2) Normal butane	1321-235						
(3) Other butanes	1321-236						
(c) Butane-propane mix (C_3 & C_4)	1321-234						
3. Isopentane (IC_5)	1321-240						
4. Natural gasoline							
(a) 12° and less	1321-221						
(b) over 12° including 14°	1321-222						
(c) over 14° including 18°	1321-223						
(d) over 18° including 22°	1321-224						
(e) over 22° including 26°	1321-225						
(f) over 26°	1321-226						
5. Plant condensate	1321-210						
6. Gasoline							
(a) Motor	2911-131						
(b) Aviation	2911-111						
7. Special naphthas	2911-051						
8. Jet fuel							
(a) Naphtha type	2911-211						
(b) Kerosine type	2911-213						
9. Kerosine	2911-311						
10. Distillate fuel oil	2911-411						
11. Other products (specify):							
Total							

(OVER)

II. STOCKS, RECEIPTS, AND SHIPMENTS OF NATURAL GAS PRODUCTS IN TERMINAL OR UNDERGROUND STORAGES

(Complete a separate section for each location)

(Barrels of 42 gallons)

TYPE OF STORAGE:

TERMINAL ☐ UNDERGROUND ☐

Name ______________________

Location ______________________

Products (1)	Product code (2)	Stocks beginning of month (3)	Receipts during month (4)	Shipments during month (7)	Losses during month (8)	Stocks end of month (10)
1. Ethane (C_2)	1321-110					
2. Liquefied petroleum gases						
(a) Propane (C_3)	1321-231					
(b) Butane (C_4)						
(1) Isobutane	1321-233					
(2) Normal butane	1321-235					
(3) Other butanes	1321-236					
(c) Butane-propane mix (C_3&C_4)	1321-234					
3. Other products (specify):						
Total						

TYPE OF STORAGE:

TERMINAL ☐ UNDERGROUND ☐

Name ______________________

Location ______________________

1. Ethane (C_2)	1321-110					
2. Liquefied petroleum gases						
(a) Propane (C_3)	1321-231					
(b) Butane (C_4)						
(1) Isobutane	1321-233					
(2) Normal butane	1321-235					
(3) Other butanes	1321-236					
(c) Butane-propane mix (C_3&C_4)	1321-234					
3. Other products (specify):						
Total						

Signature	Position	Date

GPO 892-510

Form 6-1343-A
(August 1970)

827

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20240

NATURAL GAS PROCESSING REPORT

O.M.B. No. 42-R0042.
Approval expires November 30, 1973.

INDIVIDUAL COMPANY DATA—CONFIDENTIAL

The data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

(Please correct if name or address has changed.)

Please complete the following form and return one copy. See instructions on reverse side.

I. STATE covered by this report: ______________________

II. Natural gas processed and disposition of residue gas during the year.
(Report all volumes at the pressure base of 14.73 pounds per square inch absolute at 60°F.)

Item (1)	Code	Quantity (Million cubic feet) (2)
A. Total gas processed at plants operated by your company	131	
B. Extraction loss	132	
C. Residue gas (A minus B)	139	
D. Disposition of residue gas:		
1. Used as plant fuel	231	
2. Used in lease operations for power, heat or gas lift	232	
3. Returned to formation for repressuring, pressure maintenance, and cycling	233	
4. Delivered directly to consumers	234	
5. Delivered to pipeline companies including own company operated lines	235	
6. Vented or flared	236	
7. Unaccounted for	238	
8. Total disposition of residue gas (should equal C)	239	

III. Natural gas liquids produced during the year

Product (1)	Code	Net quantity (Thousand dollars) (2)	Value f.o.b. plant (Thousand dollars) (3)
A. Liquefied petroleum gases and ethane	111		$
B. Natural gasoline and iso-pentane	211		
C. Plant condensate	311		
D. Finished gasoline and naphthas	411		
E. All other products	811		
F. Totals	911		$

Signature	Title	Date

INSTRUCTIONS

Please provide the information requested on the reverse side of this form and return one copy as soon as possible in the enclosed envelope. It will be appreciated if this report can be returned before the 15th of February.

This report should include all production of liquid products as well as processing and disposition of natural gas by your company during the year.

A separate report should be prepared for each STATE covering all plants in the State. In cases of partnership interests this report should be prepared by the operating company and should cover 100 percent of the production. Report all liquids in thousands of gallons. Report all volumes of gas in millions of cubic feet at the pressure base of 14.73 pounds per square inch absolute at 60°F.

When any figure reported is estimated or is approximate, i.e., not based on actual records, please so indicate on the form identifying specifically which figures are estimated.

Item II: Enter the quantities of natural gas processed and the disposition of residue gas as indicated. Note: Line C should equal Line D8 in this Section.

Item III: "Net" production means that intermediate products should be excluded. Thus the totals shown on Line III F should be true production totals excluding any duplicated amounts.

GPO 830-070

6-1391-A
(October 1965)

Budget Bureau No. 42-R099.9.
Approval expires August 31, 1968.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

PEAT IN 196

**INDIVIDUAL COMPANY
DATA—CONFIDENTIAL**

Unless authorization is granted in the section above the signature, the data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

Please indicate any change necessary for correct name and address.

This questionnaire is for the purpose of obtaining information relating to the peat industry for publication in the Minerals Yearbook and other reports of the Bureau of Mines for the information and guidance of industry, Government, and the public. Please complete the form and return it as promptly as possible in the enclosed envelope which requires no postage. If you operated ANY PART of the year, please fill out this form. Your cooperation is sincerely appreciated.

---

1. NAME AND LOCATION OF OPERATION:

A. Name of operation ....

B. Location of bog .... (State) .... (County) .... (Town)

C. Size of deposit .... (Area in acres) .... (Greatest depth in feet)

---

2. STATUS OF OPERATION:

Active .... ☐ **Idle** .... ☐

Abandoned .... ☐ **Sold** .... ☐

If bog changed hands during year:

Name of successor ....

Address of successor ....

Was peat cultivated during year? (Undersurface exposed prior to excavation) Yes ☐ No ☐

---

3. EQUIPMENT USED (State number of each type):

A. Excavating and loading

Power shovels		Bulldozers		Trucks	
Clamshells		Bucket loaders		(Other)	
Draglines		Front-end loaders		(Other)	
Dredges		Belt loaders		(Other)	

B. Processing

Shredders		Hammermills		Screens	
Pulverizers		Grinders		(Other)	

PLEASE REPLY TO QUESTIONS ON BACK OF THIS FORM

4. PRODUCTION: *

KIND	TOTAL (Short tons)	QUANTITY PRODUCED BY TYPE OF PREPARATION			
		UNPREPARED (Short tons)	SHREDDED ONLY (Short tons)	KILN-DRIED ONLY (Short tons)	SHREDDED AND KILN-DRIED (Short tons)
Moss					
Reed-sedge					
Humus					
Other (*Specify*)					

*Please show production in short tons. If production is stated in cubic yards, please give the approximate weight per cubic yard

Pounds per cubic yard ....

5. SALES:

USE	TOTAL (Short tons)	BULK		PACKAGED		KIND OF PEAT**
		SHORT TONS	VALUE*	SHORT TONS	VALUE*	
General soil improvement			$		$	
Other uses:						
Seed inoculant						
Packing flowers, plants, shrubs, etc.						
Ingredient for potting soils						
Mushroom beds						
Earthworm culture medium						
Mixed fertilizers						
Other (*Specify*)						

*Report f.o.b. plant value. For packaged peat, do not include the cost of bags, packages, and containers.

**Specify whether moss, reed-sedge, or humus.

6. IN ORDER TO INSURE A MORE COMPLETE COVERAGE OF THE INDUSTRY, THE BUREAU OF MINES ASKS YOUR COOPERATION IN FURNISHING THE NAMES OF NEW PEAT PRODUCERS. LIST BELOW THE NAMES AND ADDRESSES OF OTHER PRODUCERS OPERATING IN YOUR AREA.

Name	Address
Name	Address

Based upon the information in this report, may the Bureau of Mines publish data which could reveal your operations? Value data? Yes☐ No☐ Other data? Yes☐ No☐

Signature	Official position	Date of report

GPO 832-724

Form 6-1385-A
(October 1969)

Duplicate
for your files

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
[illegible] FORBES AVENUE
PITTSBURGH, PENNSYLVANIA [illegible]

PENNSYLVANIA ANTHRACITE PRODUCTION
1969

Budget Bureau No. 42-R0064
Approval expires November 1970.

**INDIVIDUAL COMPANY
DATA–CONFIDENTIAL**

Unless authorization is granted in the section above the signature, the data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

(Please correct if name or address has changed.)

Please reply to the following questions and return the form as promptly as possible in the enclosed envelope. A separate report should be prepared for each mine, breaker, strip pit, culm bank, or washery that was in operation during the calendar year. If operated by you ANY PART of the year, please fill out this form. Report in SHORT TONS of 2,000 pounds.

1. Description and location of operation

Name of operator

General office address

Name of operation

Post office County

Type of operation: (Check)

Breaker ☐ washery ☐ central cleaning plant ☐ mine ☐ strip pit ☐ culm bank ☐ recovery ☐

Location of operation: (Check)

Trade region: Lehigh ☐ Schuylkill ☐ Wyoming ☐

Field: Northern ☐ Eastern Middle ☐ Western Middle ☐ Southern ☐

Did ownership change during the reporting period? Yes ☐ No ☐

If yes, date: ____________________

Name and address of predecessor ☐ successor ☐ (check one)

Name

Address

(OVER)

2. Production during year, by size (Include all coal prepared whether shipped or put in storage; exclude shipments out of storage.)

Size	(a) Truck shipments		(b) Rail shipments	
	Quantity (Short tons of 2,000 pounds)	Value at breaker or washery (Exclude selling expense Estimate value of coal put in storage)	Quantity (Short tons of 2,000 pounds)	Value at breaker or washery (Exclude selling expense Estimate value of coal put in storage)
Lump and Broken		$		$
Egg				
Stove				
Chestnut				
Pea				
Buckwheat No. 1				
Buckwheat No. 2				
Buckwheat No. 3				
Buckwheat No. 4				
Buckwheat No. 5				
Other				
Total (item 2(b))				$
Total (item 2(a))				
(c) USED FOR POWER at colliery (estimate value)				
(d) TOTAL (sum of (a), (b), and (c)				$

3. Production during year by type of mining (Include colliery fuel.)

	Quantity (Short tons)
Culm banks	
Underground	
Strip pits	
TOTAL (should equal total quantity in item 2 (d))	

4. Coal prepared at this plant, by origin

Please supply the following information for each mine, strip pit, or culm-bank supplying coal to this preparation plant, whether the coal was mined by yourself, contractors, or purchased as run-of-mine from other companies:

Name and address of operator	Name of operation	County where coal was mined	Type of mining	Prepared coal (Short tons)

5. Coal prepared at other preparation plants

(a) If any of the tonnage reported in item 2(d) was prepared at other plants, please supply information requested below:

Name and address of operator	Name of preparation plant	Quantity (Short tons)

(b) If any coal mined at this operation was not reported in 2(d), but was prepared at other plants, please supply information requested below:

Name and address of operator	Name of preparation plant	Quantity (Short tons)

6. Mechanical equipment used during year (Include only equipment owned by colliery company.)

(a) Surface equipment

Use	Number of power shovels				Number of draglines			
	Gasoline	Electric	Diesel	Diesel-electric	Gasoline	Electric	Diesel	Diesel-electric
1. For coal stripping only								
2. For culm-bank recovery only								
3. For both stripping and culm-bank recovery								

(b) Underground equipment

Type of machine	Number of machines	Quantity produced excl. refuse (Short tons)
Cutting or shearing machines		
Mobile loading machines		
Scraper loaders		
Duckbills and self-loading conveyors		
Pit-car loaders		
Hand-loaded face conveyors		

7. Railroad shipments (Exclude coal shipped to other breakers or washeries for preparation, and list separately each rail carrier on which product was first loaded for shipment and short tons loaded on each.)

Name of railroad	Quantity loaded (Short tons)

Remarks:

Person to be contacted regarding this report: Name	Tel. Area Code	No.	Ext.

Address: (No.)	(Street)	(City)	(State)	(Zip)

Based upon the information in this report, may the Bureau of Mines publish data which could reveal your operations?

Value data? Yes ☐ No ☐ Other data? Yes ☐ No ☐

Signature	Title	Date

INT.-BU.OF MINES,PGH.,PA. 14090

Form 6-1387-A
(March 1969)

Duplicate for your files

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
[illegible] FORBES AVENUE
PITTSBURGH, PENNSYLVANIA [illegible]

PENNSYLVANIA ANTHRACITE PRODUCTION
CONTRACTORS' REPORT
1969

Budget Bureau No. 42-R0067
Approval expires November 1970.

INDIVIDUAL COMPANY DATA–CONFIDENTIAL

Unless authorization is granted in the section above the signature, the data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

(Please correct if name or address has changed.)

IF YOU PERFORMED ANY STRIP-PIT OR CULM-BANK RECOVERY WORK ON CONTRACT during the year, please reply to the following questions and return the form as promptly as possible in the enclosed envelope. List separately in item 3 each strip pit or culm bank that was operated by you during the calendar year. Report in SHORT TONS of 2,000 pounds, if possible.

1. Description and location of operation

Name of contractor ______________________________

General office address ______________________________

Did ownership change during the reporting period? Yes ☐ No ☐

If yes, date: Name and address of predecessor ☐ successor ☐ (check one)

Name ______________________________

Address ______________________________

2. New contractors. Please give names and addresses of any new coal contractors in your vicinity.

____

____

____

____

____

____

____

____

(OVER)

3. Coal mined or recovered during year. Please enter each strip pit or culm bank separately.

Name of company for which work was done and plant to which coal was sent for preparation	Name of strip pit or culm bank	Location		Coal mined or recovered	
		County	Field	Run-of-mine from stripping (Short tons)	From culm bank (Short tons)

4. Mechanical equipment used during year. Report only YOUR OWN EQUIPMENT and exclude that owned by the coal company.

Use	Number of power shovels				Number of draglines			
	Gasoline	Electric	Diesel	Diesel-electric	Gasoline	Electric	Diesel	Diesel-electric
(a) For coal stripping only								
(b) For culm-bank recovery only								
(c) For both stripping and culm-bank recovery								

Remarks:

Name of person to be contacted regarding this report	Tel. area code	No.	Ext.	Based upon the information in this report, may the Bureau of Mines publish data which could reveal your operations? Yes ☐ No ☐
Address (No.)	(Street)			Signature
(City)	(State)	(Zip Code)		Title / Date

INT.-BU.OF MINES,PGH.,PA. 14000

Form 6-1386-A
(March 1969)

Duplicate
for your files

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
4800 FORBES AVENUE
PITTSBURGH, PENNSYLVANIA 15213

PENNSYLVANIA ANTHRACITE PRODUCTION
MINES WITHOUT PREPARATION PLANTS
1969

Budget Bureau No. 42-R0065
Approval expires November 1970.

INDIVIDUAL COMPANY DATA—CONFIDENTIAL

Unless authorization is granted in the section above the signature, the data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

(Please correct if name or address has changed.)

Please reply to the following questions and return the form as promptly as possible in the enclosed envelope. A separate report should be prepared for each mine, strip pit, or culm bank in operation during the calendar year. Report in SHORT TONS of 2,000 pounds.

Please fill out this form even though your tonnage may be included in reports from lessors or from breakers where it was prepared for market. DUPLICATION WILL BE ELIMINATED IN OUR OFFICE. IF YOU HAD NO OUTPUT, PLEASE COMPLETE ITEM 1 ONLY.

1. Description and location of mine

Name of operator
General office address
Name of operation
Post office County

Type of operation: (Check) Mine ☐ Culm-bank recovery ☐ Strip pit ☐

Location of operation: (Check)
Trade region: Lehigh ☐ Schuylkill ☐ Wyoming ☐
Field: Northern ☐ Eastern Middle ☐ Western Middle ☐ Southern ☐

Did ownership change during the reporting period? Yes ☐ No ☐

If yes, date: Name and address of predecessor ☐ successor ☐ (check one)

Name

Address

2. Production during year by type of mining. Include coal mined under contract.

	Quantity (Short tons)
Culm banks	
Underground	
Strip pits	
TOTAL	

3. Coal mined under contract at strip pits and culm banks. If any coal obtained from strip pits or culm banks was mined by contractors, report below.

Name of contractor – strip-pit or culm-bank work (List separately)	Address	Quantity (Short tons)

(OVER)

4. Preparation (Coal shipped for preparation)

Name and address of preparation company	Name of preparation plant	Short tons (Run-of-mine)
Total (should equal total quantity in item 2)		

5. Mechanical equipment used during year. Include only equipment owned by reporting company.

(a) Surface equipment

Use	Number of power shovels				Number of draglines			
	Gasoline	Electric	Diesel	Diesel-electric	Gasoline	Electric	Diesel	Diesel-electric
(1) For stripping only								
(2) For culm-bank recovery only								
(3) For both stripping and culm-bank recovery								

(b) Underground equipment

Type of machine	Number of machines	Short tons (Exclude refuse)
Cutting or shearing machines		
Mobile loading machines		
Scraper loaders		
Duckbills and self-loading conveyors		
Pit-car loaders		
Hand-loaded face conveyors		

Remarks:

Person to be contacted regarding this report: Name	Tel. Area Code	No.	Ext.

Address (No.) Street	(City)	(State)	(Zip)

Based upon the information in this report, may the Bureau of Mines publish data which could reveal your operations?

Yes ☐ No ☐

Signature	Title	Date

INT.-BU.OF MINES,PGH.,PA. 14090

Form 6-1388-A
(May 1969)

Duplicate
for your files

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
4800 FORBES AVENUE
PITTSBURGH, PENNSYLVANIA 15213

PENNSYLVANIA ANTHRACITE PRODUCTION
RIVER COAL REPORT

Budget Bureau No. 42-R0066
Approval expires November 1970.

INDIVIDUAL COMPANY DATA–CONFIDENTIAL

Unless authorization is granted in the section above the signature, the data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

(Please correct if name or address has changed.)

Please reply to the following questions and return the form as promptly as possible in the enclosed envelope. A separate report should be prepared for each river coal operation that was active during the calendar year. Report in SHORT TONS of 2,000 pounds.

1. Description and location of operation

Name of operator ______________________

General office address ______________________

Name of operation ______________________ Post office ______________________

Location: Trade region ______________________ River or creek ______________________

County ______________________

Did ownership change during the reporting period? Yes ☐ No ☐ If yes, give date ____________

Name and address of (check one) Predecessor ☐ Successor ☐

(Name) ______________________ (Address) ______________________

2. New operations. Please give the names and addresses of any new river coal operations in your vicinity.

____

____

____

____

____

(OVER)

3. Production during year, by size. Include coal obtained by dredging and from river or stream banks and coal put in storage; exclude shipments out of storage

Size	(a) Truck shipments		(b) Rail shipments	
	Quantity (Short tons of 2,000 pounds)	Value (Exclude all selling expenses and transportation charges. Include estimated value of coal put in storage)	Quantity (Short tons of 2,000 pounds)	Value (Exclude all selling expenses and transportation charges. Include estimated value of coal put in storage)
Chestnut		$		$
Pea				
Buckwheat No. 1				
Buckwheat No. 2				
Buckwheat No. 3				
Buckwheat No. 4				
Buckwheat No. 5				
Other				
Total (item (3b))				$
Total (item (3a))				
(c) Used for boiler fuel (estimate value)				
(d) Total (sum of (a), (b), and (c))				$

4. Railroad shipments. List separately each rail carrier on which product was first loaded for shipment.

Name of railroad	Quantity loaded Short tons

Remarks

Person to be contacted regarding this report:

Name	Tel. Area Code	No.	Ext
Address (No.) (Street)	(City)	(State)	(Zip)

Based upon the information in this report, may the Bureau of Mines publish data which could reveal your operations?

Value data? Yes ☐ No ☐ **Other data?** Yes ☐ No ☐

Signature	Title	Date

INT.-BU.OF MINES,PGH.,PA. 14090

Form [illegible] (B)
(June 1965)
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
[illegible]
SAN FRANCISCO, CALIF. [illegible]

Company

Budget Bureau No. 42-R[illegible]
Approval expires [illegible]

INDIVIDUAL COMPANY
DATA—CONFIDENTIAL

PETROLEUM SUPPLY AND DEMAND REPORT—DISTRICT 5, MONTH OF ______
(Alaska, Arizona, California, Hawaii, Nevada, Oregon, and Washington)

Please consult GENERAL INSTRUCTIONS for definitions and explanatory notes. Return one copy of the completed form by the 20th of the month in the enclosed envelope, no postage required, to the Bureau of Mines, San Francisco, Calif., 94102

(Thousands of barrels)

ITEM	RAW MATERIALS				FINISHED PRODUCTS																OTHER			TOTAL PETROLEUM	
	Crude Petroleum	Plant Condensate	Natural Gasoline	Liquefied Petroleum Gas	Liquefied Refinery Gas	Gasoline		Special Naphthas	Jet Fuel		Kerosine	Distillate Fuel Oil	Lubricating Oils and Greases	Residual Fuel Oil	Asphalt	Road Oil	Coke	Wax	Petro-Chemical Feedstocks	Misc. Finished Oils	Unfinished Oils	Still Gas	[illegible]		
						Motor	Aviation		Naphtha-type	Kerosine-type															
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)	
SUPPLY																									
1 Exchange receipts																						xxxx	xxxx		1
2 Total production of raw materials and purchases in District 5																									2
3 Receipts from foreign countries as discharged																									3
4 Receipts from Districts 1-4 as landed																									4
5 Receipts—non-petroleum products																									5
6 Transfers of crude petroleum to products		xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx		xxxx				xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	6
Refinery input of, or product output from:																									
7 Crude petroleum		xxxx	xxxx	xxxx																				xxxx	7
8 Natural gas liquids	xxxx																							xxxx	8
9 Total																									9
DEMAND																									
10 Exchange deliveries																									10
11 Sales to other producers or refiners in District 5																									11
12 Domestic sales to trade and own use in District 5																									12
13 Losses or gains not elsewhere accounted for																									13
14 Rail and truck shipments to Districts 1-4																									14
15 Intercoastal shipments by water to Districts 1-4																									15
16 Demand in the United States (Sum of items 10-15)																									16
Export shipments																									
17 Foreign (boat, rail, truck) including Canal Zone																									17
18 U.S. Pacific islands																									18
19 Total Demand (Sum of items 16, 17, and 18)																									19
20 Change in total stocks (item 9 minus 19)																									20
STOCKS WITHIN DISTRICT 5																									
Stocks end of month																									
21 At refineries or in transit thereto																									21
22 In pipelines and at tank farms and bulk terminals																									22
23 Secondary stocks																									23
24 Total Stocks—End of month																									24
25 Total Stocks—Beginning of month																									25
26 Change in total stocks (line 24 minus line 25)																									26

[illegible]

______ Signature

______ Official position

Form 6-1303-M
(August 1968)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20240

PRODUCTS PIPELINE REPORT

Budget Bureau No. 42-R0038.
Approval expires January 1971.

INDIVIDUAL COMPANY DATA—CONFIDENTIAL

The data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

(Please correct if name or address has changed.)

Please return one copy of the completed form in the enclosed envelope by the 25th of the month.

NOTE: For Section I, the sum of columns 3 and 4 should equal the sum of columns 7, 8 and 10.

I. STOCKS, RECEIPTS AND SHIPMENTS OF PIPELINE PRODUCTS (Thousands of barrels of 42 gallons)

Products (1)	Product code (2)	Stocks beginning of month (3)	Receipts during month (4)	Shipments during month (7)	Shortage (+) or overage (−) during month (8)	Stocks end of month (10)
1. Gasoline						
(a) Motor	2911-131					
(b) Aviation	2911-111					
2. Jet fuel						
(a) Naphtha-type	2911-211					
(b) Kerosine-type	2911-213					
3. Kerosine	2911-311					
4. Distillate fuel oil	2911-411					
5. Liquefied petroleum gases (incl. LRG)	1321-230					
6. Natural gasoline	1321-220					
7. Plant condensate	1321-210					
8. Other products (specify)						
Total						

(OVER)

II. MOVEMENTS OF PETROLEUM PRODUCTS BY PIPELINE DURING MONTH BETWEEN P.A.D. DISTRICTS.

(Thousands of barrels of 42 gallons)

Products	Product code	From P.A.D. 1 to P.A.D. 2	From P.A.D. 2 to P.A.D. 1	From P.A.D. 2 to P.A.D. 3	From P.A.D. 3 to P.A.D. 1	From P.A.D. 3 to P.A.D. 2	From P.A.D. 3 to P.A.D. 4	From P.A.D. 3 to P.A.D. 5	From P.A.D. 4 to P.A.D. 2	From P.A.D. 4 to P.A.D. 5	From P.A.D. _ to P.A.D. _	From P.A.D. _ to P.A.D. _	From P.A.D. _ to P.A.D. _
1. Gasoline													
(a) Motor	2911-131												
(b) Aviation	2911-111												
2. Jet fuel													
(a) Naphtha-type	2911-211												
(b) Kerosine-type	2911-213												
3. Kerosine	2911-311												
4. Distillate fuel oil	2911-411												
5. Liquefied petroleum gas (incl. LRG)	1321-230												
6. Natural gasoline	1321-220												
7. Plant condensate	1321-210												
Total													

III. STOCKS OF PIPELINE PRODUCTS IN LINES AND WORKING TANKS AT END OF MONTH BY REFINERY DISTRICT

(Thousands of barrels of 42 gallons)

Please enter stocks by refinery district code — see instruction booklet

Products	Product code								
1. Gasoline									
(a) Motor	2911-131								
(b) Aviation	2911-111								
2. Jet fuel									
(a) Naphtha-type	2911-211								
(b) Kerosine-type	2911-213								
3. Kerosine	2911-311								
4. Distillate fuel oil	2911-411								
5. Liquefied petroleum gases									
(a) Ethane	1321-110								
(b) Propane	1321-231								
(c) Butane	1321-232								
(d) Butane-propane mix	1321-234								
(e) Isobutane	1321-233								
6. Natural gasoline	1321-220								
7. Plant condensate	1321-210								
Total	....								

Signature	Official position	Date of report

Form 6-1336-A
(August 1970)

B-21

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20240

PRODUCTION OF "OTHER FINISHED PRODUCTS" AT PETROLEUM REFINERIES

O.M.B. No. 42-R0034
Approval expires November 30, 1973

INDIVIDUAL COMPANY
DATA – CONFIDENTIAL

The data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

(Please correct if name or address has changed.)

Please report below an analysis of total production of "Other finished products" for the year, as reported opposite item 24 of the Bureau of Mines monthly refinery report, Form No. 6-1300-M. "Finished products" refers to materials the processing of which, by the petroleum refining industry, has been completed. Please return one copy of the form as soon as possible in the enclosed envelope. An extra copy is provided for your records. It will be appreciated if this report can be returned before the 15th of February.

Product (Do not use trade names) (1)	Code	Quantity (1,000 bbls.) (2)	Product (Do not use trade names) (1)	Code	Quantity (1,000 bbls.) (2)
Absorption oil	010		Other products *(Specify)*:		
Petrolatum	011			019	
Specialty oils:					
Hydraulic fluids	012				
Insulating oils	013				
Medicinal (white) oils	014				
Rust preventatives	015				
Sand-frac oils	016				
Spray oils	017				
Other specialty oils *(Specify)*	018				
			Total	099	

Signature	Title	Date

INT.-BU.OF MINES,PGH.,PA. 19266

Form 6-1236-A
(September 1969)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

PYRITES

Budget Bureau No. 42-R0153.
Approval expires August 1972.

INDIVIDUAL COMPANY DATA-CONFIDENTIAL

Unless authorization is granted in the section above the signature, the data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

(Please correct if name or address has changed.)

GENERAL INSTRUCTIONS

Please complete and return one copy of this form in the enclosed envelope as soon as possible. An extra copy is provided for your files. Complete a separate report for each mineral establishment which was operated any time during the reporting period. A mineral establishment is defined as a single physical location where mineral operations are conducted; for example, a mine only, a mine and preparation plant, or a preparation plant only. Additional forms are available upon request. If you have nothing to report, please complete Item 1, sign, and return the form.

In completing this form reasonable estimates may be used wherever exact figures are not available. Use zero (0) when appropriate. Do not report decimals or fractions. Please use the space for Remarks to provide any specific information that will help us in the use or interpretation of the data. Any statement on the effect of changes in economic conditions upon the reporting establishment will be useful.

The results of this survey are used in statistical publications of the Bureau of Mines. These publications have a variety of users, including industry, State and Federal Government, private research agencies and consulting firms. The publications often provide guidance on policy or assist users in decision-making. They form the statistical basis for action. Your cooperation is needed to make the results of this survey comprehensive, meaningful, accurate and timely.

SPECIFIC INSTRUCTIONS

Item 1. Self-explanatory.

Item 2. Report pyrites of your own production used and sold during the year. In column 11, report the net selling value, f.o.b. your establishment for the quantities in columns 9 and 10. Report the total value received after discounts and allowances and excluding container costs where applicable. If you consume material in your establishment or ship it to another establishment of your company, please estimate the value for this material. Use your net selling price as a basis for this estimate; if you did not sell the same type of material, base your estimate on the direct costs of production plus a reasonable proportion of company overhead and profits.

OVER

1. Establishment covered by this report

1.1 Name and location of operation

Name			Nearest city or town	
County	State	Section	Township	Range

1.2 Status during year

(Check and complete appropriate boxes)

☐ (1) Active

☐ (2) Inactive — From — To

☐ (3) Abandoned — Date

☐ (4) Leased

☐ (5) Sold

☐ (6) Purchased

If transfer occurred during year: Date of change

Name of other party in transfer — Address

Is this establishment operated as a subsidiary ☐ Yes ☐ No If yes,

Name of controlling company — Address

2. Disposition of pyrites by type of material

Type of material (1)	Code	Report basis (2)	Weight unit (3)	[redacted]	Approximate sulfur content (Percent) (8)	Quantity		Value of material used and sold (11)
						Used for sulfuric acid (9)	Sold (10)	
Lump ore..........................	201	Gross weight of product	Long tons					$
Fines or concentrates	202							

Remarks

Name of person to be contacted regarding this report — Tel. area code — No. — Ext.

Address — No. — Street — City — State — Zip

Based upon the information in this report, may the Bureau of Mines publish data which could reveal your operations

Value data ☐ (1) Yes ☐ (2) No Other data ☐ (1) Yes ☐ (2) No

Signature — Title — Date

GPO 880-978

Form 6-1300-M
(August 1969)

301

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20240

REFINERY REPORT

Budget Bureau No. 42-R0398.
Approval expires January 1972.

INDIVIDUAL COMPANY
DATA—CONFIDENTIAL

The data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

Please separate
forms at
perforations

An extra copy is
provided for your files

(Please correct if name or address has changed.)

Please return one copy of the completed form in the enclosed envelope by the 20th of the month.
See instructions on reverse.

I. REFINERY STOCKS, RECEIPTS, INPUTS, PRODUCTION AND SHIPMENTS (Report in thousands of barrels of 42 gallons.)

Item Description (1)	Product code (2)	Stocks beginning of month (3)	Receipts during month (4)	Inputs during month (5)	Production during month (6)	Shipments losses and used for refinery fuel during month (7)	Stocks end of month (8)
1. Crude oil (incl. lease condensate)							
(a) Domestic	1312-010						
(b) Foreign	1312-020						
2. Products of natural gas processing plants:							
(a) Propane	1321-221						
(b) Isobutane	1321-232						
(c) Normal butane	1321-236						
(d) Other butanes	1321-239						
(e) Butane-propane mixtures	1321-224						
(f) Natural gasoline and isopentane	1321-280						
(g) Plant condensate	1321-310						
3. Other hydrocarbons and hydrogen consumed as raw materials	1312-080						
4. Unfinished oils	2911-012						
5. Gasoline							
(a) Motor	2911-121						
(b) Aviation	2911-111						
6. Special naphthas (solvents)	2911-051						
7. Jet fuel							
(a) Naphtha-type	2911-211						
(b) Kerosine-type	2911-213						
8. Kerosine (including range oil)	2911-311						
9. Distillate fuel oil[1]	2911-411						
10. Residual fuel oil	2911-511						
11. Lubricating oils							
(a) Bright stock	2911-653						
(b) Neutral	2911-655						
(c) Other	2911-659						
12. Asphalt	2911-930						
13. Wax							
(a) Microcrystalline	2911-631						
(b) Crystalline-fully refined	2911-671						
(c) Crystalline-other	2911-681						
14. Petroleum coke							
(a) Marketable	2911-851						
(b) Catalyst	2911-852						
15. Road oil	2911-931						
16. Still gas							
(a) Petrochemical feedstock use	2911-943						
(b) Other use	2911-944						
17. Ethane and/or ethylene - Petrochemical feedstock use	2911-912						
18. Propane and/or propylene							
(a) Petrochemical feedstock use	2911-913						
(b) Other use	2911-923						
19. Butane and/or butylene							
(a) Petrochemical feedstock use	2911-914						
(b) Other use	2911-924						
20. Butane-propane mixtures							
(a) Petrochemical feedstock use	2911-916						
(b) Other use	2911-926						
21. Isobutane (IC_4) - petrochemical feedstock use	2911-915						
22. Naphtha-less than 400° end point - petrochemical feedstock use	2911-922						
23. Other oils-over 400° end point - petrochemical feedstock use	2911-936						
24. Other finished products	2911-990						
25. Overage (column 5) or shortage (column 6)	2911-011						
26. Total	2911-000						

[1] End-of-month stocks of distillate fuel oil includes ______ thousand barrels of No. 4 fuel oil.

(OVER)

II. STOCKS OF LIQUEFIED GAS IN UNDERGROUND STORAGE END OF THE MONTH (Include stocks in Section I, Column 10) (Thousands of barrels of 42 gallons)

Product	Code	LPG	Code	LRG
1. Ethane-ethylene	▇	▇	[illegible]	
2. Propane-propylene	1331-331		[illegible]	
3. Isobutane	[illegible]		[illegible]	
4. Butane-butylene (including n-butane)	[illegible]		[illegible]	
5. Butane-propane mixtures	[illegible]		[illegible]	
Total	1331-330		2011-600	

III. REFINERY RECEIPTS OF CRUDE AND UNFINISHED OILS DURING MONTH BY STATE OR COUNTRY OF PRODUCTION (Thousands of barrels of 42 gallons)

A. RECEIPTS OF CRUDE OIL (Omit intrastate receipts)

Do not use (1)	Domestic		Do not use (1)	Foreign	
	State (2)	Quantity (Code 1312-010) (3)		Country (4)	Quantity (Code 1312-030) (5)
▇	Total		▇	Total	

B. RECEIPTS OF FOREIGN UNFINISHED OILS

Do not use (1)	Country (6)	Quantity (Code 2011-612) (7)	Do not use (1)	Country (6)	Quantity (Code 2011-612) (7)
			▇	Total	

IV. REFINERY RECEIPTS OF CRUDE OIL DURING MONTH BY METHOD OF TRANSPORTATION (Thousands of barrels of 42 gallons)

Method	Domestic		Foreign
	Intrastate	Interstate	
1. Pipeline			
2. Tankers			
3. Barges			
4. Tank cars			
5. Trucks			
Total			

NOTE: For Section I, the following arithmetic check is suggested for each line entry:

For items 1-24, the sum of columns 3, 4, and 6 should equal the sum of columns 5, 7, and 10.

For item 25, the sum of column 5 should equal the sum of column 6.

Shaded columns are to be considered as "zero" entries.

Signature	Position	Date

GPO 855-316

Form 6-1345-A
(August 1970)

829

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20240

SALES OF LIQUEFIED PETROLEUM GASES

O.M.B. No. 42-R1288.
Approval expires November 1972.

INDIVIDUAL COMPANY DATA—CONFIDENTIAL

The data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

(Please correct if name or address has changed.)

SEE INSTRUCTIONS AND DEFINITIONS ON REVERSE SIDE

SALES OF LIQUEFIED PETROLEUM GASES AND ETHANE DURING THE YEAR BY STATES OF DESTINATION AND BY USES

(Insert names of States in column headings) →					
Uses and products	Code	Gallons	Gallons	Gallons	Gallons
A. Direct sales to consumers by your company:					
1. Residential and commercial uses:					
a. Propane	201				
b. Butane	301				
c. Butane-propane mixtures	401				
2. Internal-combustion engine fuel:					
a. Propane	202				
b. Butane	302				
c. Butane-propane mixtures	402				
3. Industrial uses (incl. petroleum refinery fuel):					
a. Propane	203				
b. Butane	303				
c. Butane-propane mixtures	403				
4. Gas utility companies:					
a. Propane	204				
b. Butane	304				
c. Butane-propane mixtures	404				
5. Raw materials and solvents for chemical plants:					
a. Ethane-ethylene	105				
b. Propane	205				
c. Butane-isobutane	305				
d. Butane-propane mixtures	405				
6. Butane for use in synthetic rubber components	306				
7. Used in the secondary recovery of petroleum:					
a. Propane	207				
b. Butane	307				
c. Butane-propane mixtures	407				
8. All other uses:					
a. Propane	208				
b. Butane	308				
c. Butane-propane mixtures	408				
B. Sales to dealers, resellers and producers:					
a. Ethane-ethylene	109				
b. Propane	209				
c. Butane-isobutane	309				
d. Butane-propane mixtures	409				
C. Total sales (Sum of A and B):					
a. Ethane-ethylene	111				
b. Propane	211				
c. Butane-isobutane	311				
d. Butane-propane mixtures	411				

(OVER)

If this company changed ownership during the year, please report name and address of present owner, and date sold:

(Name)

(Address)

(Date sold)

Signature	Official position	Date of report

INSTRUCTIONS

Report all figures in gallons.

Companies which sold less than 100,000 gallons of liquefied petroleum gases during the year are not requested to complete this form. Form should be so noted and returned.

This report should include all sales of liquefied gases made by your company during the year including those made directly to consumers and those to dealers, resellers and producers. In addition, it should include those liquefied gases produced and consumed by your company. These should be reported in the appropriate use categories, such as chemical plant use, industrial use, secondary recovery use, etc.

Please return one copy of the completed form by April 15. Before submitting the report, please compare it with the previous year's report and verify any inconsistencies, such as the addition or elimination of States or products and any sizeable differences in quantity data between the two years.

DEFINITIONS

ETHANE-ETHYLENE.—Include ethane-ethylene only. All other LP-gases mixed with ethane should be reported in their respective product classification.

PROPANE.—Include all products covered by NGPA specifications for commercial and HD-5 propane including propane sold in an ethane-propane mix. Report propylene in this category.

BUTANE.—Include all products covered by NGPA specifications for commercial butane except those which contain 60 percent or more isobutane. Report butylene in this category.

ISOBUTANE.—Include all products covered by NGPA specifications for commercial butane which contain 60 percent or more isobutane.

BUTANE-PROPANE MIXTURES.—Include all products covered by NGPA specifications for butane-propane mixtures.

RESIDENTIAL AND COMMERCIAL USES.—Include liquefied petroleum gases sold for use in private households and nonmanufacturing establishments, such as motels, restaurants, retail stores, laundries, etc., primarily for use in space heating, water heating, and cooking.

INTERNAL-COMBUSTION ENGINE FUEL.—Include liquefied gases for use by tractors, irrigation engines, highway vehicles, forklifts, oil-field drilling and production equipment, etc.

INDUSTRIAL USES.—Include liquefied petroleum gases sold to manufacturing plants for such uses as standby fuel, space heating, flame cutting, metallurgical furnaces, etc. Include sales to petroleum refineries for fuel use, but exclude sales of liquefied gases to refineries for use in gasoline production.

GAS COMPANIES.—Include liquefied gases sold to gas utility companies.

RAW MATERIALS AND SOLVENTS FOR CHEMICAL PLANTS.—Include liquefied petroleum gases sold to plants (including own company plants) for use as raw materials and solvents in the manufacture of chemicals. Butane used in the production of synthetic rubber should be shown on Line 6.

ALL OTHER USES.—Liquefied petroleum gases sold or used for agricultural purposes such as flame cultivation, crop drying, tobacco curing, poultry breeding, and other use categories not covered above.

GPO 830-072

6-1321-M
(September 1965)
UNITED STATES DEPARTMENT OF THE INTERIOR
Bureau of Mines
450 Golden Gate Ave.
P.O. Box 36012
San Francisco, California, 94102

COMPANY:

Budget Bureau No. 42-R011.12
Approval expires March 31, 1970

INDIVIDUAL COMPANY DATA—CONFIDENTIAL

SALES TO TRADE AND OWN USE OF PETROLEUM PRODUCTS—DISTRICT 5, Month of ________

(Alaska, Arizona, California, Hawaii, Nevada, Oregon, and Washington)

Please consult GENERAL INSTRUCTIONS for definitions and explanatory notes. Return one copy of the completed form by the 20th of the month in the enclosed envelope, no postage required, to the Bureau of Mines, San Francisco, Calif., 94102.

(THOUSANDS OF BARRELS)

	TABLE I **Detail of Domestic Sales to Trade and Own Use** **As reported on Bureau of Mines Form 6-1320-M (B-1)**	**Corresponding Col. of line 12, Bureau of Mines Form 6-1320-M (B-1)**	**FIVE WESTERN STATES**			**ALASKA**			**HAWAII**			**Total District 5 (line 12, Form 6-1320-M (B-1))**	
			Military	**All Other**	**Total**	**Military**	**All Other**	**Total**	**Military**	**All Other**	**Total**		
	PRODUCT AND USE	(i)	(ii)	(iii)	(iv)	(v)	(vi)	(vii)	(viii)	(ix)	(x)	(xi)	
1	LIQUEFIED GASES—Fuel uses											xxxxx	1
2	Other											xxxxx	2
3	TOTAL LIQUEFIED GASES	(d, e)											3
4	GASOLINE—Motor	(f)										xxxxx	4
5	Aviation	(g)										xxxxx	5
6	Special naphthas and solvents	(h)										xxxxx	6
7	TOTAL GASOLINE												7
8	JET FUEL—Naphtha type	(i)											8
9	Kerosine type	(j)											9
10	TOTAL JET FUEL												10
11	KEROSINE	(k)											11
12	DISTILLATE FUEL OIL	(l)											12
13	LUBRICATING OILS AND GREASES	(m)											13
14	RESIDUAL FUEL OIL	(n)											14
15	ASPHALT AND ROAD OIL	(o, p)											15
16	ALL OTHER FINISHED AND UNFINISHED PRODUCTS	(q-u)											16
17	STILL GAS AND REFINERY SHORTAGE	(v, w)											17
18	TOTAL PETROLEUM	(x)											18

.... (Signature)

.... (Official position)

Form 6-1301A
(November 1968)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20240

SHIPMENTS OF AVIATION FUEL

Budget Bureau No. 42 - R041.12.
Approval expires March 31, 1970.

INDIVIDUAL COMPANY DATA—CONFIDENTIAL

Please separate forms at perforations

Retain a copy for your files

(Please correct if name or address has changed)

See explanatory notes and instructions for completing this form on the reverse side. Return one copy of the completed form by the 25th of the month in the enclosed envelope.

SHIPMENTS OF AVIATION FUEL DURING THE YEAR

Product and use	Shipments to each P.A.D. District (Thousands of barrels)					Total shipments (Thousands of barrels)
	I	II	III	IV	V	
I. Aviation gasoline						
A. For commercial use:						
1. Airlines						
2. Factory						
3. General aviation						
B. For military use						
II. Jet fuel						
A. For commercial use:						
1. Airlines						
2. Factory						
3. General aviation						
B. For military use:						
1. JP—4						
2. JP—5						
3. Other						

Signature	Official position	Date of report

(OVER)

EXPLANATORY NOTES

Instructions:

1. Report all figures in thousands of barrels of 42 gallons.
2. Shipments.—Report all shipments of aviation fuel, including imported fuels, made by your company during the year direct to consumers, distributors, agents, and airport dealers. Include products shipped on consignment, whether or not sold at the end of the year. Exclude shipments for export and shipments to other refining companies. Include shipments of aviation fuels from bonded tanks within the country to airlines for use in international flights.

Definitions:

1. Aviation gasoline.—Any fuel in the gasoline boiling range for use in a piston-type aviation engine.
2. Jet fuel.—Any fuel for use in an aviation turbine engine.
3. Airline.—Sales to U. S. certificated air carriers, including air freight carriers, international air carriers (if delivery is made in the U. S.), and to such other air carriers as supplemental or non-schedule carriers, air taxi, etc.
4. Factory.—Direct sales to airframe and engine manufacturers. Does not include aviation fuels supolied to these accounts to Defense Fuel Supply Center (DFSC).
5. General Aviation.—All non-military sales which are not classified as airline or factory. Primarily made up of sales to distributors and airport dealers.
6. Military.—Sales to Defense Fuel Supply Center and to other military agencies of the Government.

GPO 848-738

Form 6-1341-A
(August 1970)

824

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20240

SUPPLY AND DISPOSITION OF NATURAL GAS

O.M.B. No. 42-R0082.
Approval expires November 30, 1973.

INDIVIDUAL COMPANY
DATA—CONFIDENTIAL

The data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

(Please correct if name or address has changed.)

Report all gas volumes at the pressure base of 14.73 pounds per square inch absolute at 60°F.
See instructions on reverse side.

I. STATE covered by this report: ____________________

II. Supply and disposition of natural gas during the year.

Item (1)	Code	Quantity (Million cubic feet) (2)	Value (Thousands of dollars) (3)
A. Supply of raw and residue gas:			
1. Gross gas production from leases operated by your company in State designated in Item I above:	161		$
a. From gas and condensate wells	162		$
b. From oil wells (casinghead gas)			
2. Receipts of gas from State designated in Item I:	163		
a. From producing companies			
b. From pipeline companies: (Name of company)	171		
3. Receipts of gas from States other than the State designated in Item I: (Name of company) (State)			
4. Withdrawals from underground storage	181		
5. Total supply (Sum of 1, 2, 3, and 4)	190		
B. Disposition of raw and residue gas:	261		$
1. Extraction loss	262		$
2. Used in lease operations and as plant fuel			
3. Returned to formation for repressuring, pressure maintenance, and cycling	263		
4. Vented to air or burned in flares	264		
5. Used as fuel in your pipeline operations	265		$
6. Delivered to natural-gas processing plants other than your own	266		
7. Delivered to pipeline and distributing companies: a. Within State named above: (Name of company)	267		
b. Outside of State designated in Item I: (Name of company) (State)			
8. Delivered directly to consumers:	271		$
a. Residential consumers			
(1) Number of residential consumers at end of year ☐	371		
	272		$
b. Commercial consumers			
(1) Number of commercial consumers at end of year ☐	372		
	273		$
c. Industrial consumers	274		$
d. Electric utilities	275		$
e. Other consumers	281		
9. Stored in underground storage	290		
10. Unaccounted for	299		
11. Total disposition (Sum of 1-10; should be the same as line A5 above)			

Signature	Title	Date

INSTRUCTIONS

Please provide the information requested on the reverse side of this form and return one copy as soon as possible in the enclosed envelope. It will be appreciated if this report can be returned before the 15th of February.

Quantity—Report all volumes in MILLION CUBIC FEET at the pressure base of 14.73 pounds per square inch absolute at 60°F.

Value—Report all values in THOUSANDS OF DOLLARS.

I State—File a separate report for each State in which your company operates.

II MIXED GAS OPERATIONS: In mixed gas operations only the natural gas component should be reported. If both natural and mixed gas are distributed, report natural gas operations and the natural gas portion of your mixed gas operations on separate forms. Adjust all volumes to the pressure base of 14.73 pounds per square inch absolute at 60°F.

IIA1 When leases are not wholly owned by the reporting company, it is requested that the operator of the facility report 100 percent of the production. Exclude any production from leases, which you own that are operated by others. Your company's gross production of gas should include royalty interests and gas used in own operations. Estimate if necessary.

Value of gross production at well includes the producer's realization from all products contained in the gas delivered to natural gas processing plants. Assign no value to that portion of gross production used for repressuring. Do not include gathering charges or State taxes. Ignore tax exempt interests and tax reimbursements.

IIA2 Receipts of gas from companies within the State covered by this report.
- a. Report total receipts of gas from other producers within the State.
- b. Receipts of gas from within the State, from natural gas processing plants other than your own, exchange gas, and gas received for transport, should be reported by individual company and amount received from each company.

IIA3 Receipts of gas from outside of the State should be shown by individual company, the bordering State from which the gas was received, and the amount received from each company.

IIA4 Withdrawals from underground storage—Report only company-owned gas withdrawn from storage.

IIB1, 2, 5 Value of gas used in lease operations, as plant fuel, in your pipeline operations, and extraction loss, should represent the cost to your company or average wellhead price of the gas.

IIB1 Extraction loss—Total extraction loss for natural gas processing plants operated by your own company. This volume and value should agree with those reported on the Form 6-1343-A. Show disposition of residue gas from your own plants under proper use category, i.e., industrial, sales to other companies, vented, return to formation.

IIB2 Include gas used in lease operations, as plant fuel and net use for gas lift.

IIB6 Total deliveries of natural gas to natural gas processing plants operated by companies other than your own.

IIB7a Include exchange gas and gas delivered for transport as well as gas sold to other pipeline and distributing companies within State. List companies and amount of each sale individually.

IIB7b Deliveries of gas outside of the State to pipeline or distribution companies should be listed by company and amount of each sale individually.

IIB8 Delivered directly to consumers:
- a. Residential—Include natural gas used in private households for heating, cooking, and other household uses.
- b. Commercial—Include natural gas used by non-manufacturing organizations, such as hotels, restaurants, retail stores, laundries, and other service enterprises; also gas used in agriculture, forestry and fisheries.
- c. Industrial—Gas sold directly to industrial consumers. Include gas used as fuel in chemical plants (your own and others), used to produce carbon black, and gas consumed by own company.
- d. Electric utilities—Natural gas used as fuel in electric utility plants including those operated by your company.
- e. Other consumers—Include deliveries to municipalities and government agencies for use in schools, institutions, street lighting, etc.

IIB9 Report only company-owned gas stored in underground storage.

GPO [illegible]

Form 6-1340-A
(August 1970)

B25

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20240

SUPPLY AND DISPOSITION OF NATURAL GAS

(Non-producing distributor's report)

O.M.B. No. 42-R0062.
Approval expires November 30, 1973.

INDIVIDUAL COMPANY DATA—CONFIDENTIAL

The data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

Please separate forms at perforations

An extra copy is provided for your files

(Please correct if name or address has changed.)

Please complete the following form and return ONE COPY. Report all gas volumes at the pressure base of 14.73 pounds per square inch absolute at 60°F. See instructions on reverse side.

I. STATE covered by this report: ____________________

II. Supply and disposition of natural gas during the year

Item (1)	Code	Quantity (Million cubic feet) (2)	Value (Thousands of dollars) (3)
A. Supply:			
1. Received from producing companies in State designated in Item 1	163		
2. Received from pipeline companies: (Name of company) ____________	171		
____________			
____________			
3. Withdrawn from underground storage	181		
4. Total supply	199		
B. Disposition:			
1. Delivered directly to:			
a. Residential consumers	271		$
(1) Number of residential consumers at end of year ☐	371		
b. Commercial consumers	272		$
(1) Number of commercial consumers at end of year ☐	372		
c. Industrial consumers	273		$
d. Electric utilities	274		$
e. Other consumers	275		$
2. Own company use	276		$
3. Stored in underground storage	281		
4. Unaccounted for	298		
5. Total disposition (should equal A4)	299		

Signature	Title	Date

(OVER)

INSTRUCTIONS

Please provide the information requested on the reverse side of this form and return one copy as soon as possible in the enclosed envelope. It will be appreciated if this report can be returned before the 15th of February.

1. State — File a separate report for each State in which your company operates.

2. Quantity — Report all volumes in MILLION CUBIC FEET at the pressure base of 14.73 pounds per square inch absolute at 60°F.

3. Value — Report all values in THOUSANDS OF DOLLARS. Value of gas sold should be the amount received from the consumer at point of delivery. Value of gas used by your company should be cost or value based on average local price.

4. In mixed gas operations, only the natural gas component should be reported. If both natural and mixed gas are distributed, report mixed gas operations separately. Adjust all volumes to pressure base of 14.73 pounds per square inch absolute at 60°F.

5. Deliveries of all natural gas:

   (a) Residential: Natural gas used in private households for heating, cooking, and other household uses.

   (b) Commercial: Natural gas used by non-manufacturing establishments such as hotels, restaurants, retail stores, laundries, and other service enterprises, also used in agriculture, forestry, and fisheries.

   (c) Industrial: Natural gas used in manufacturing and mining estabushments for heat and power.

   (d) Electric utilities: Natural gas used as fuel in electric utility plants including those operated by your company.

   (e) Other consumers: Include deliveries to municipalities and government agencies for use in schools, institutions, street lighting, etc.

6. Report only company-owned gas withdrawn from or stored in underground storage during the year.

GPO [illegible]

Form 6-1326-A
(August 1969)

816

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D.C. 20240

VALUE AT WELLS OF CRUDE OIL PURCHASED

Budget Bureau No. 42-R0060.
Approval expires November 1973.

INDIVIDUAL COMPANY DATA—CONFIDENTIAL

The data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to defense agencies.

(Please correct if name or address has changed.)

Please report by State of origin, the quantity and value AT THE WELLS of crude oil purchased by your company directly from producers during the year. Include in this report oil received from the producing department of your company during the year. Return completed form in the enclosed envelope.

State in which oil was produced (1)	Quantity (Thousands of barrels) (2)	Value at wells (Thousands of dollars) (3)	Unit value (3 ÷ 2)

Remarks:

Name of person to be contacted regarding this report:
Tel. Area Code
No.
Ext.

Address No. Street
City
State
Zip

Signature
Title
Date

BLANK PAGE

F. P. C.
Form No. 1

Form approved.
Budget Bureau No. [illegible]

ELECTRIC UTILITIES AND LICENSEES
(Classes A and B)

ANNUAL REPORT

OF

....
(Exact legal name of respondent)
If name was changed during year, show also the previous name and date of change

....
(Address of principal business office at end of year)

TO THE

FEDERAL POWER COMMISSION

FOR THE

YEAR ENDED DECEMBER 31, 19......

Name, title, address and telephone number (including area code), of the person to be contacted concerning this report:

....

....

FPC Form 1
Rev. (12-69)

GENERAL INSTRUCTIONS

1. An original and four conformed copies of this report form properly filled out and attested, shall be filed with the Federal Power Commission, Washington, D.C. 20426, on or before the last day of the third month following the close of the calendar or established fiscal year, by each corporation, person or licensee as defined in section 3 of the Federal Power Act, any agency, authority or other legal entity or instrumentality and any agency, authority or instrumentality of the United States, which are engaged in the generation, transmission or distribution of electricity, whether or not otherwise subject to the jurisdiction of the Commission and which is in either of the following classifications:

Class A—Having annual electric operating revenues of $2,500,000 or more.

Class B—Having annual electric operating revenues of more than $1,000,000 but less than $2,500,000.

One copy of the report should be retained by the respondent in its files. The conformed copies may be carbon copies.

This report form is not prescribed for municipalities as defined in section 3 of the Federal Power Act; i.e., a city, county, irrigation district, drainage district, or other political subdivision or agency of a State competent under laws thereof to carry on the business of developing, transmitting, utilizing or distributing power.

2. This form of annual report is prepared in conformity with the Uniform System of Accounts for Public Utilities and Licensees prescribed by the Federal Power Commission, and all accounting words and phrases are to be interpreted in accordance with the said classification. If the respondent is not under the jurisdiction of the Commission and does not keep its books in accordance with the above-mentioned Uniform System of Accounts, the report form should be filled out in the best manner possible, the actual accounts kept being substituted, where necessary, for the accounts listed.

3. Instructions should be carefully observed and each question should be answered fully and accurately, whether it has been answered in a previous annual report or not. Where the word "none" truly and completely states the fact, it should be given to any particular inquiry. Where dates are called for, the month and day should be stated as well as the year. Customary abbreviations may be used in stating dates.

4. If any schedule does not apply to the respondent, such fact should be shown on the schedule by the words "not applicable," or the schedule may be omitted and the notation made in the list of schedules on pages v, vi, and vii.

5. The spaces provided in this report are designed to be filled in on a typewriter having elite-size type, and such a typewriter should be used if practicable.

6. Reports should be made out by means which result in a permanent record. The original copy in all cases shall be made out in permanent black ink or with permanent black typewriter ribbon. The conformed copies, however, may be carbon copies or made with hectograph impression or other similar means of reproduction provided the impressions are sharp and accurately aligned as to line numbers and columns. Entries of a contrary or opposite character (such as decreases reported in a column providing for both increases and decreases) should be shown in red ink or enclosed in parentheses.

7. *Definitions.*

a. *Commission Authorization* (abbreviated Comm. Auth.), as used in this form, means the authorization of the Federal Power Commission, or any other Commission. Name the commission whose authorization was obtained and give date of the authorization.

b. *Respondent*, wherever used in this report, means the person, corporation, licensee, agency, authority, or other legal entity or instrumentality in whose behalf the report is made.

8. The annual report should in all particulars be complete in itself. Reference to reports of previous years or to other reports should not be made in lieu of required entries except as specifically authorized.

9. Wherever schedules call for comparisons of figures of a previous year, the figures reported must be based upon those shown by the annual report of the previous year, or an appropriate explanation given why the different figures were used.

10. Additional statements inserted for the purpose of further explanation of accounts or schedules should be made on durable paper conforming to this form in size and width of margin. The inserts should be securely bound in the report. Inserts should bear the titles of the schedules and report form page numbers to which they pertain.

11. Cents are to be omitted on all schedules except where they apply to averages and figures per unit where cents are important. The amount shown on all supporting schedules shall agree with the item in the statements that they support.

12. If the respondent makes a report for a period other than a calendar year, the beginning and end of the period covered must be clearly stated on the front cover, and throughout the report where the year or period is required to be stated.

13. In addition to filing this report, the respondent shall also file with the Commission, immediately upon publication, five copies of its latest annual report to stockholders and of any financial or statistical report regularly prepared and distributed to bondholders, security analysts, or industry associations. (If reports to stockholders are not prepared, so state below).

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14. The respondent, if it is under the jurisdiction of the Commission, shall file with the original and each copy of this form, or separately, within 30 days after the filing date for the form, a letter or report (required by the Commission's Regulations under the Federal Power Act signed by independent certified public accountants or independent licensed public accountants, certified or licensed by a regulatory authority of a State or other political subdivision of the U.S., attesting to the conformity, in all material respects, of the following schedules in this report with the Commission's applicable Uniform System of Accounts and published accounting releases:

Description	Schedule Pages
Comparative Balance Sheet—Statement A	110-111
Notes to Balance Sheet	112
Summary of Utility Plant and Accumulated Provisions for Depreciation, Amortization, and Depletion—Statement B	113
Statement of Income—Statement C	114-115
Notes to Statement of Income	116
Statement of Earned Surplus—Statement D	117
Materials and Supplies	207
Plant Materials and Operating Supplies	208
Prepayments	210
Long-Term Debt	219
Reconciliation of Reported Net Income with Taxable Income for Federal Income Taxes	222
Accumulated Deferred Income Taxes	227
Common Utility Plant and Expenses	351
Distribution of Salaries and Wages	355-356

ADDITIONAL COPIES
OF THIS FORM MAY BE PROCURED FROM THE
FEDERAL POWER COMMISSION
WASHINGTON, D.C. 20426

Price $1.75

GENERAL INSTRUCTIONS (Continued)

Electric Plant in Service	**401-403**
Electric Plant Held for Future Use	**405**
Construction Work in Progress and Completed Construction Not Classified (Column (d) excluded)	**406**
Accumulated Provisions for Depreciation of Electric Plant	**408**
Electric Operating Revenues (Columns (d) through (g) excluded)	**409**
Electric Operation and Maintenance Expenses	**417-420**
Depreciation and Amortization of Electric Plant	**429**

The letter or report shall be in the following form unless unusual circumstances or conditions, explained in the letter or report, demand that it be varied:

In Connection with our regular examination of the finan-

cial statements of for the year ended ,

on which we have reported separately under date of ,

we have also reviewed schedules of Form 1 for the year filed with the Federal Power Commission, for conformity in all material respects with the requirements of the Federal Power Commission as set forth in its applicable Uniform System of Accounts and published accounting releases. Our review for this purpose included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

Based on our review, in our opinion the accompanying schedules identified in the preceding paragraph (except as noted below)* conform in all material respects with the accounting requirements of the Federal Power Commission as set forth in its applicable Uniform System of Accounts and published accounting releases.

The letter or report shall state, additionally, which, if any, of the schedules set forth above do not conform to the Commission's requirements, and shall describe the discrepancies that exist.

***Parenthetical phrase inserted only when exceptions are to be reported.**

EXCERPTS FROM THE LAW

(Federal Power Act, 16 U. S. C. 791a–825r)

"Sec. 3. The words defined in this section shall have the following meanings for purposes of this Act, to wit:

* * * (3) 'corporation' means any corporation, joint-stock company, partnership, association, business trust, organized group of persons, whether incorporated or not, or a receiver or receivers, trustee or trustees of any of the foregoing. It shall not include 'municipalities' as hereinafter defined;

(4) 'person' means an individual or a corporation;

(5) 'licensee' means any person, State, or municipality licensed under the provisions of section 4 of this Act, and any assignee or successor in interest thereof;

(7) 'municipality' means a city, county, irrigation district, drainage district, or other political subdivision or agency of a State competent under the laws thereof to carry on the business of developing, transmitting, utilizing, or distributing power; * * *"

"Sec. 4. The Commission is hereby authorized and empowered—

(a) To make investigations and to collect and record data concerning the utilization of the water resources of any region to be developed, the water-power industry and its relation to other industries and to interstate or foreign commerce, and concerning the location, capacity, development costs, and relation to markets of power sites, * * * to the extent the Commission may deem necessary or useful for the purposes of this Act."

"Sec. 304. (a) Every licensee and every public utility shall file with the Commission such annual and other periodic or special reports as the Commission may by rules and regulations or order prescribe as necessary or appropriate to assist the Commission in the proper administration of this Act. The Commission may prescribe the manner and form in which such reports shall be made, and require from such persons specific answers to all questions upon which the Commission may need information. The Commission may require that such reports shall include, among other things, full information as to assets and liabilities, capitalization, net investment, and reduction thereof, gross receipts, interest due and paid, depreciation, and other reserves, cost of project and other facilities, cost of maintenance and operation of the project and other facilities, cost of renewals and replacement of the project works and other facilities, depreciation, generation, transmission, distribution, delivery, use, and sale of electric energy. The Commission may require any such person to make adequate provision for currently determining such costs and other facts. Such reports shall be made under oath unless the Commission otherwise specifies."

"Sec. 309. The Commission shall have power to perform any and all acts, and to prescribe, issue, make, amend, and rescind such orders, rules and regulations as it may find necessary or appropriate to carry out the provisions of this Act. Among other things, such rules and regulations may define accounting, technical, and trade terms used in this Act; and may prescribe the form or forms of all statements, declarations, applications, and reports to be filed with the Commission, the information which they shall contain, and the time within which they shall be filed. * * *"

"Sec. 311. In order to secure information necessary or appropriate as a basis for recommending legislation, the Commission is authorized and directed to conduct investigations regarding the generation, transmission, distribution, and sale of electric energy, however produced, throughout the United States and its possessions, whether or not otherwise subject to the jurisdiction of the Commission, including the generation, transmission, distribution, and sale of electric energy by any agency, authority, or instrumentality of the United States, or of any State or municipality or other political subdivision of a State. It shall, so far as is practicable, secure and keep current information regarding the ownership, operation, management, and control of all facilities for such generation, transmission, distribution, and sale; the capacity and output thereof and the relationship between the two; the cost of generation, transmission, and distribution; the rates, charges, and contracts in respect of the sale of electric energy and its service to residential, rural, commercial, and industrial consumers and other purchasers by private and public agencies; * * *"

"Sec. 315 (a) Any licensee or public utility which willfully fails, within the time prescribed by the Commission, to comply with any order of the Commission, to file any report required under this Act or any rule or regulation of the Commission thereunder, to submit any information or document required by the Commission in the course of an investigation conducted under this Act, * * * shall forfeit to the United States an amount not exceeding $1,000 to be fixed by the Commission after notice and opportunity for hearing. * * *"

LIST OF SCHEDULES (Electric Utility)

Designate in column (d) by the terms "none" or "not applicable," as appropriate, in instances where no information or amounts have been reported in certain schedules. Pages may be omitted where the responses are "none" or "not applicable" to the schedules on such pages.

Title of Schedule (a)	Schedule Page No. (b)	Date Revised (c)	Remarks (d)
GENERAL CORPORATE INFORMATION AND SUMMARY FINANCIAL STATEMENTS			
General Information	101	Dec. 69	
Control Over Respondent	102	Dec. 1964	
Corporations Controlled by Respondent	103		
Officers	104		
Directors	105		
Security Holders and Voting Powers	106-107		
Important Changes During the Year	108-109	Dec. 69	
Comparative Balance Sheet—Statement A	110-111	Dec. 69	
Notes to Balance Sheet—Statement A (Continued)	112		
Summary of Utility Plant and Accumulated Provisions for Depreciation, Amortization, and Depletion—Statement B	113		
Statement of Income and Earned Surplus for the Year—Statement C	114-115	Dec. 1967	
Notes to Statement of Income and Earned Surplus—Statement C (Continued)	116	Dec. 1964	
Statement of Earned Surplus—Statement D	117	Dec. 1964	
BALANCE SHEET SUPPORTING SCHEDULES			
Nonutility Property	201	Dec. 67	
Accumulated Provision for Depreciation and Amortization of Nonutility Property	201	Dec. 67	
Investments	202		
Notes and Accounts Receivable	204	Dec. 1965	
Accumulated Provision for Uncollectible Accounts—Cr	204		
Receivables from Associated Companies	206		
Materials and Supplies	207	Dec. 69	
Production Fuel and Oil Stocks	209	Dec. 69	
Miscellaneous Current and Accrued Assets	210	Dec. 69	
Extraordinary Property Losses	210	Dec. 69	
Unamortized Debt Disc. and Exp. and Unamort. Premium on Debt	211		
Preliminary Survey and Investigation Charges	212	Dec. 1967	
Miscellaneous Deferred Debits	214	Dec. 69	
Deferred Regulatory Commission Expenses	214	Dec. 69	
Capital Stock	215		
Capital Stock Subscribed, Capital Stock Liability for Conversion, Premium on Capital Stock, and Installments Received on Capital Stock	216		
Other Paid-In Capital	217		
Discount on Capital Stock	218		

Annual report of .... Year ended December 31, 19 ....

LIST OF SCHEDULES (Electric Utility) (Continued)

Title of Schedule (a)	Schedule Page No. (b)	Date Revised (c)	Remarks (d)
BALANCE SHEET SUPPORTING SCHEDULES (Continued)			
Capital Stock Expense	218		
Long-Term Debt	219		
Securities Issued or Assumed and Securities Refunded or Retired During the Year	220		
Notes Payable	221		
Payables to Associated Companies	221		
Accrued and Prepaid Taxes	222		
Reconciliation of Reported Net Income with Taxable Income for Federal Income Taxes	223		
Miscellaneous Current and Accrued Liabilities	224		
Customer Advances for Construction	224		
Other Deferred Credits	225		
Operating Reserves	226		
Contributions in Aid of Construction	226		
Accumulated Deferred Income Taxes	227		
Investment Tax Credits Generated and Utilized	228	Dec. 69	
Accumulated Deferred Investment Tax Credits	229	Dec. 1964	
INCOME ACCOUNT SUPPORTING SCHEDULES			
Income from Utility Plant Leased to Others	301		
Particulars Concerning Certain Other Income Accounts	303		
Particulars Concerning Certain Income Deduction and Interest Charges Accounts	304	Dec. 1964	
Expenditures for Certain Civic, Political and Related Activities	305	Dec. 1964	
COMMON SECTION			
Common Utility Plant and Expenses	351		
Taxes Charged During Year	352		
Regulatory Commission Expenses	353		
Charges for Outside Professional and Other Consultative Services	354	Dec. 69	
Distribution of Salaries and Wages	355–356	Dec. 1964	
ELECTRIC PLANT, SALES, OPERATING AND STATISTICAL DATA			
Electric Plant in Service	401-402-403	July 1968	
Fish and Wildlife and Recreation Plants	403a		
Electric Plant Leased to Others	404		
Electric Plant Held for Future Use	405	Dec. 1965	
Construction Work in Progress and Completed Construction not Classified—Electric	406		
Electric Plant Acquisition Adjustments and Accumulated Provision for Amortization of Electric Plant Acquisition Adjustments	407		
Accumulated Provisions for Depreciation of Electric Plant	408	Oct. 1967	
Electric Operating Revenues	409	Dec. 69	
Sales of Electricity—By Communities	410–411		
Sales for Resale	412–413	Oct. 1966	
Sales of Electricity by Rate Schedules	414		
Sales to Railroads and Railways and Interdepartmental Sales	415		

LIST OF SCHEDULES (Electric Utility) (Continued)

Title of Schedule (a)	Schedule Page No. (b)	Date Revised (c)	Remarks (d)
ELECTRIC PLANT, SALES, OPERATING AND STATISTICAL DATA (Continued)			
Rent from Electric Property and Interdepartmental Rents	415		
Sales of Water and Water Power	416		
Miscellaneous Service Revenues and Other Electric Revenues	416	Apr. 1967	
Electric Operation and Maintenance Expenses	417–420	Oct. 1967	
Number of Electric Department Employees	420		
Operation and Maintenance Expenses of Fish and Wildlife and Recreation Operations	420a		
Rents Charged	421	Dec. 69	
Purchased Power	422–423	Dec. 1964	
Interchange Power	424	Dec. 69	
Transmission of Electricity for or by Others	425		
Franchise Requirements	426	Dec. 69	
Miscellaneous General Expenses	427	Dec. 1967	
Construction Overheads—Electric	427	Dec. 67	
General Description of Construction Overhead Procedure	428		
Depreciation and Amortization of Electric Plant	429–430	Oct. 1967	
Electric Energy Account	431	Oct. 1967	
Monthly Peaks and Output	431	Oct. 1967	
Steam-Electric Generating Plant Statistics (Large Plants)	432–432a	Dec. 1967	
Steam-Electric Generating Plant Statistics (Large Plants) Average Annual Heat Rates and Corresponding Net Kwh Output for Most Efficient Generating Units	432b	Dec. 1965	
Hydroelectric Generating Plant Statistics (Large Plants)	433a–433b	Oct. 1967	
Pumped Storage Generating Plant Statistics (Large Plants)	433c–433d		
Generating Plant Statistics (Small Plants)	434	Oct. 1967	
Changes Made or Scheduled to be Made in Generating Plant Capacities	435		
Steam-Electric Generating Plants	436–437	Oct. 1966	
Hydroelectric Generating Plants	438–439	Dec. 1966	
Pumped Storage Generating Plants	439a–439c		
Internal-Combustion Engine and Gas-Turbine Generating Plants	440–441	Dec. 1967	
Transmission Line Statistics	442–443	Feb. 1967	
Transmission Lines Added During Year	444		
Substations	445	Dec. 69	
Electric Distribution Meters and Line Transformers	447		
Research and Development Activities	448		
Attestation	449	Dec. 1965	

LIST OF SCHEDULES (Electric Utility) (Continued)

Title of Schedule (a)	Schedule Page No. (b)	Date Revised (c)	Remarks (d)
BALANCE SHEET SUPPORTING SCHEDULES (Continued)			
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Long-Term Debt	219		
Securities Issued or Assumed and Securities Refunded or Retired During the Year	220		
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Miscellaneous Current and Accrued Liabilities	224		
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Regulatory Commission Expenses	353		
Charges for Professional Services	354		
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ELECTRIC PLANT, SALES, OPERATING AND STATISTICAL DATA			
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LIST OF SCHEDULES (Electric Utility) (Continued)

Title of Schedule (a)	Schedule Page No. (b)	Date Revised (c)	Remarks (d)
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Rent Charged to Electric Operating Expenses	421		
Purchased Power	422–423	Dec. 1964	
Interchange Power	424	Dec. 1964	
Transmission of Electricity for or by Others	425		
Franchise Requirements	426	Dec. 1965	
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Transmission Lines Added During Year	444		
Substations	445		
Conduit, Underground Cable and Submarine Cable	446		
Electric Distribution Meters and Line Transformers	447		
Research and Development Activities	448		
Attestation	—	Dec. 1965	

GENERAL INFORMATION

1. Name and title of officer having custody of the general corporate books of account and address of office where the general corporate books are kept, and address of office where any other corporate books of account are kept, if different from that at which the general corporate books are kept.

2. Name of State under the laws of which respondent is incorporated and date of incorporation. If incorporated under a special law, give reference to such law. If not incorporated, state that fact and give the type of organization and date organized.

3. If at any time during the year the property of respondent was held by a receiver or trustee, give (a) name of receiver or trustee, (b) date such receiver or trustee took possession, (c) the authority by which the receivership or trusteeship was created, and (d) date when possession by receiver or trustee ceased.

4. State the classes of utility and other services furnished by respondent during the year in each State in which the respondent operated.

5. State below each class of security of the respondent which is registered on a national securities exchange or is to become so registered upon notice of issuance. Give, (a) exact title of each class of securities, (b) amount of issued securities registered, (c) amount of unissued securities to become registered upon notice of issuance, and (d) name of each exchange upon which registered or to become registered. Explain briefly if the amounts of issued securities differ from the amounts shown by the respondent's balance sheet.

CONTROL OVER RESPONDENT

If any corporation, business trust, or similar organization or combination of such organizations jointly held control over the respondent at end of year, state name of controlling corporation or organization, manner in which control was held and extent of control. If control was in a holding company organization, show the chain of ownership or control to the main parent company or organization. If control was held by a trustee(s), state name of trustee(s), name of beneficiary or beneficiaries for whom trust was maintained, and purpose of the trust.

CORPORATIONS CONTROLLED BY RESPONDENT

1. Report below the names of all corporations, business trusts, and similar organizations, controlled directly or indirectly by respondent at any time during the year. If control ceased prior to end of year, give particulars in a footnote.
2. If control was by other means than a direct holding of voting rights, state in a footnote the manner in which control was held, naming any intermediaries involved.
3. If control was held jointly with one or more other interests, state the fact in a footnote and name the other interests.

Name of Company Controlled (a)	Kind of Business (b)	Percent Voting Stock Owned (c)	Footnote Ref. (d)

DEFINITIONS

1. See the Uniform System of Accounts for a definition of control.
2. Direct control is that which is exercised without interposition of an intermediary.
3. Indirect control is that which is exercised by the interposition of an intermediary which exercises direct control.
4. Joint control is that in which neither interest can effectively control or direct action without the consent of the other, as where the voting control is equally divided between two holders, or each party holds a veto power over the other. Joint control may exist by mutual agreement or understanding between two or more parties who together have control within the meaning of the definition of control in the Uniform System of Accounts, regardless of the relative voting rights of each party.

OFFICERS

1. Report below the name, title, office address, and salary for the year of each general officer of the respondent. Report the information also for each other employee whose annual salary is $15,000* or more. The information required by this schedule may be omitted for assistant general officers whose duties do not embrace important executive or policy functions, and whose salaries are less than $15,000* per year. (*$25,000, if respondent's annual operating revenues are $25,000,000 or more.)

2. If any officer or other employee reported in this schedule received remuneration from respondent, directly or indirectly, other than the salary reported in column (d), such as commissions, bonuses, shares in profits, moneys paid, set aside or accrued pursuant to any pension, retirement, savings or similar plan *(exclusive of plans qualified under Section 401 of the Internal Revenue Code of 1954)* including premiums paid for retirement annuities, or life insurance where the respondent is not the beneficiary, or any other advantageous arrangement which constitutes a form of compensation, give the essentials of the plan not previously reported, the basis of determining the ultimate benefits receivable, and the payments or provisions made during the year with respect to each person reported herein. If the word 'none' correctly states the facts with respect to the matters referred to in this instruction, so state ....

3. State the annual benefits estimated to be payable to each of the three highest paid officers named herein in the event of retirement at normal retirement date pursuant to any pension or retirement plan.

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4. Describe all transactions since the beginning of the year in which any person who was an officer of the respondent at any time during the year received remuneration, directly or indirectly, from the respondent in the form of securities, options, warrants, rights or other property, or through the exercise or disposition thereof. As to options, warrants or rights granted or extended, give the information under this caption on page 106. If the response "none" correctly states the facts with respect to the matters referred to in this instruction, so state ....

5. State briefly any arrangement under which any officer is insured or indemnified against liability which he may incur in his capacity as an officer. If there are no such arrangements, so state ....

6. If a change was made during the year in the incumbent of any position, show name and address and total remuneration of the previous incumbent and date change in incumbency was made.

7. Utilities which are not required to file copies of this report with the Securities and Exchange Commission may omit the data called for by instructions 2, 3, 4, and 5. Omission of responses to such instructions for this reason should be stated.

Title (a)	Name of Officer (b)	Principal Business Address (City and State) (c)	Salary for Year (d)
			$

DIRECTORS

1. Report below the information called for concerning each director of the respondent who held office at any time during the year. Include in column (a), abbreviated titles of the directors who are officers of the respondent.

2. If any of the instructions 2, 3, 4, or 5 of the schedule, Officers, page 104 hereof, is applicable with respect to any director who is not an officer, furnish responses concerning the matters referred to in those instructions. If the matters referred to in those instructions are not applicable, or if the reporting of this information is not required by reason of Instruction 7 of page 104, so state ....

3. Members of the Executive Committee should be designated by an asterisk and the Chairman of the Executive Committee by a double asterisk.

Name of Director (a)	Principal Business Address (b)	Term Began (c)	Term Expires (d)	Directors' Meetings Attended During Year (e)	Fees During Year (f)
					$

SECURITY HOLDERS AND VOTING POWERS

1. (A) Give the names and addresses of the 10 security holders of the respondent who, at the date of the latest closing of the stock book or compilation of list of stockholders of the respondent, prior to the end of the year, had the highest voting powers in the respondent, and state the number of votes which each would have had the right to cast on that date if a meeting were then in order. If any such holder held in trust, give in a footnote the known particulars of the trust (whether voting trust, etc.), duration of trust, and principal holders of beneficiary interests in the trust. If the stock book was not closed or a list of stockholders not compiled within one year prior to the end of the year, or if since the previous compilation of a list of stockholders, some other class of security has become vested with voting rights, then show such 10 security holders as of the close of the year. Arrange the names of the security holders in the order of voting power, commencing with the highest. Show in column (a) the titles of officers and directors included in such list of 10 security holders.

(B) Give also the voting powers resulting from ownership of securities of the respondent of each officer and director not included in the list of 10 largest security holders.

2. If any security other than stock carries voting rights, explain in a supplemental statement the circumstances whereby such security became vested with voting rights and give other important particulars concerning the voting rights of such security. State whether voting rights are actual or contingent and if contingent describe the contingency.

3. If any class or issue of security has any special privileges in the election of directors, trustees or managers, or in the determination of corporate action by any method, explain briefly.

4. Furnish particulars concerning any options, warrants, or rights outstanding at the end of the year for others to purchase securities of the respondent or any securities or other assets owned by the respondent, including prices, expiration dates, and other material information relating to exercise of the options, warrants, or rights. Specify the amount of such securities or assets so entitled to be purchased by any officer, director, associated company, or any of the ten largest security holders. This instruction is inapplicable to convertible securities or to any securities substantially all of which are outstanding in the hands of the general public where the options, warrants, or rights were issued on a prorata basis.

5. Give date of the latest closing of the stock book prior to end of year, and state the purpose of such closing ....

....

....

6. State the total number of votes cast at the latest general meeting prior to the end of year for election of directors of the respondent and number of such votes cast by proxy ....

Total ....

By proxy ....

7. Give the date and place of such meeting ....

....

Line No.	Name and Address of Security Holder (a)	VOTING SECURITIES Number of votes as of .... Total Votes (b)	Common Stock (c)	Preferred Stock (d)	Other (e)
1	Total votes of all voting securities				
2	Total number of security holders				
3	Total votes of security holders listed below				
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

Line No.	Name and Address of Security Holder (a)	Total Votes (b)	Common Stock (c)	Preferred Stock (d)	Other (e)
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					

IMPORTANT CHANGES DURING THE YEAR

Hereunder give particulars concerning the matters indicated below. Make the statements explicit and precise and number them in accordance with the inquiries. Each inquiry should be answered. If "none" or "not applicable" states the fact, that response should be made. If information which answers an inquiry is given elsewhere in the report, reference to the schedule in which it appears will be sufficient.

1. Changes in and important additions to franchise rights: Describe the actual consideration given therefor and state from whom the franchise rights were acquired. If acquired without the payment of consideration state that fact.

2. Acquisition of ownership in other companies; reorganization, merger, or consolidation with other companies: Give names of companies involved, particulars concerning the transactions, name of the Commission authorizing the transaction, and reference to Commission authorization.

3. Purchase or sale of an operating unit or system: Give a brief description of the property, and of the transactions relating thereto, and reference to Commission authorization, if any was required. Give date journal entries called for by the Uniform System of Accounts were submitted to the Commission.

4. Important leaseholds (other than leaseholds for natural gas lands) that have been acquired or given, assigned or surrendered: Give effective dates, lengths of terms, names of parties, rents, and other conditions. State name of Commission authorizing lease and give reference to such authorization.

5. Important extension or reduction of transmission or distribution system: State territory added or relinquished and date operations began or ceased and give reference to Commission authorization, if any was required. State also the approximate number of customers added or lost and approximate annual revenues of each class of service. Each natural gas company also shall state major new continuing sources of gas made available to it from purchases, development, purchase contract, or otherwise, giving location and approximate total gas volumes available, period of contracts, and other parties to any such arrangements etc.

6. Estimated increase or decrease in annual revenues due to important rate changes: State effective date and approximate amount of increase or decrease for each revenue classification and the number of customers affected.

7. Obligation incurred or assumed by respondent as guarantor for the performance by another of any agreement or obligation, excluding ordinary commercial paper maturing on demand or not later than one year after date of issue: State on behalf of whom the obligation was assumed and amount of the obligation. Give reference to Commission authorization if any was required.

8. Changes in articles of incorporation or amendments to charter: Explain the nature and purpose of such changes or amendments.

9. State the estimated annual effect and nature of any important wage scale changes during the year.

10. State briefly the status of any materially important legal proceedings pending at the end of the year, and the results of any such proceedings culminated during the year.

11. Describe briefly any materially important transactions of the respondent not disclosed elsewhere in this report in which an officer, director, security holder reported on page 106, voting trustee, associated company or known associate of any of these persons was a party or in which any such person had a material interest.

12. List electric generating units placed in service during the year, giving the in-service date, location and generating capacity.

IMPORTANT CHANGES DURING THE YEAR (Continued)

STATEMENT A

COMPARATIVE BALANCE SHEET

Assets and Other Debits

Line No.	Title of Account (a)	Page No. (b)	Balance Beginning of Year (c)	Balance End of Year (d)	Increase or (Decrease) (e)
1	UTILITY PLANT*		$	$	$
2	Utility Plant (101–107, 114)...........................	113			
3	Less Accumulated Provision for Deprec., Amort., and Depletion (108–113, 115)......................	113			
4	Net Utility Plant....	113			
5	Gas Stored Underground—Noncurrent (117)......	207A			
6	Utility Plant Adjustments (116).........................	112			
7	OTHER PROPERTY AND INVESTMENTS				
8	Nonutility Property (121) (less Accum. Prov. for Depr. & Amort. incl. in (122) $...............)......	201			
9	Investment in Associated Companies (123).........	202			
10	Other Investments (124)..................................	202			
11	Special Funds (125, 126, 127, 128).....................	—			
12	Total Other Property and Investments.........				
13	CURRENT AND ACCRUED ASSETS				
14	Cash (131)..	—			
15	Special Deposits (132, 133, 134)......................	—			
16	Working Funds (135).......................................	—			
17	Temporary Cash Investments (136)....................	202			
18	Notes and Accounts Receivable (less Accumulated Provision for Uncoll. Accts.) (141–144).........	204			
19	Receivables from Assoc. Companies (145, 146)......	206			
20	Materials and Supplies (151–159, 163)...............	207			
21	Gas Stored Underground—Current (164)............	207A			
22	Prepayments (165)..	—			
23	Interest and Dividends Receivable (171)...........	—			
24	Rents Receivable (172).....................................	—			
25	Accrued Utility Revenues (173)........................	—			
26	Misc. Current and Accrued Assets (174)............	210			
27	Total Current and Accrued Assets..............				
28	DEFERRED DEBITS				
29	Unamort. Debt Discount and Expense (181)........	211			
30	Extraordinary Property Losses (182)..................	210			
31	Prelim. Survey and Investigation Charges (183)...	212			
32	Clearing Accounts (184)...................................	—			
33	Temporary Facilities (185)...............................	—			
34	Miscellaneous Deferred Debits (186)..................	214			
35	Total Deferred Debits..............................				
36	Total Assets and Other Debits..............				

* These accounts are conformed to NARUC accounts in which amounts recorded in FPC accounts 118 and 119 are classified to the accounts indicated under this caption.

COMPARATIVE BALANCE SHEET STATEMENT A

Liabilities and Other Credits

Line No.	Title of Account (a)	Page No. (b)	Balance Beginning of Year (c)	Balance End of Year (d)	Increase or (Decrease) (e)
1	PROPRIETARY CAPITAL		$	$	$
2	Common Stock Issued (201)	215			
3	Preferred Stock Issued (204)	215			
4	Capital Stock Subscribed (202, 205)	216			
5	Stock Liability for Conversion (203, 206)	216			
6	Premium on Capital Stock (207)	216			
7	Other Paid-In Capital (208–211)	217			
8	Installments Received on Capital Stock (212)	216			
9	Discount on Capital Stock (213)	218	( )	( )	
10	Capital Stock Expense (214)	218	( )	( )	
11	Earned Surplus (215, 216)	117			
12	Reacquired Capital Stock (217)	215	( )	( )	
13	Total Proprietary Capital				
14	LONG-TERM DEBT				
15	Bonds (221) (less $............ reacquired (222))	219			
16	Advances from Assoc. Companies (223)	219			
17	Other Long-Term Debt (224)	219			
18	Total Long-Term Debt				
19	CURRENT AND ACCRUED LIABILITIES				
20	Notes Payable (231)	221			
21	Accounts Payable (232)	—			
22	Payables to Assoc. Companies (233, 234)	221			
23	Customer Deposits (235)	—			
24	Taxes Accrued (236)	222			
25	Interest Accrued (237)	—			
26	Dividends Declared (238)	—			
27	Matured Long-Term Debt (239)	—			
28	Matured Interest (240)	—			
29	Tax Collections Payable (241)	—			
30	Misc. Current and Accrued Liabilities (242)	224			
31	Total Current and Accrued Liabilities				
32	DEFERRED CREDITS				
33	Unamortized Premium on Debt (251)	211			
34	Customer Advances for Construction (252)	224			
35	Accumulated Deferred Investment Tax Credits(255)	229			
36	Other Deferred Credits (253)	225			
37	Total Deferred Credits				
38	OPERATING RESERVES				
39	Property Insurance Reserve (261)	226			
40	Injuries and Damages Reserve (262)	226			
41	Pensions and Benefits Reserve (263)	226			
42	Amortization Reserve—Federal (264)	226			
43	Miscellaneous Operating Reserves (265)	226			
44	Total Operating Reserves				
45	CONTRIBUTIONS IN AID OF CONSTRUCTION				
46	Contributions in Aid of Construction (271)	226			
47	ACCUMULATED DEFERRED INCOME TAXES				
48	Accumulated Deferred Income Taxes:				
49	Accelerated Amortization (281)	227			
50	Liberalized Depreciation (282)	227			
51	Other (283)	227			
52	Total Accumulated Deferred Income Taxes				
53	Total Liabilities and Other Credits				

STATEMENT A
(Continued)

NOTES TO BALANCE SHEET

1. The space below is provided for important notes regarding the balance sheet or any account thereof.

2. Furnish particulars as to any significant contingent assets or liabilities existing at end of year, including brief explanation of any action initiated by the Internal Revenue Service involving possible assessment of additional income taxes of material amount, or of a claim for refund of income taxes of a material amount initiated by the utility. Give also a brief explanation of any dividends in arrears on cumulative preferred stock.

3. For Account 116, Utility Plant Adjustments, explain the origin of such amount, debits and credits during the year, and plan of disposition contemplated, giving references to Commission orders or other authorizations respecting classification of amounts as plant adjustments and requirements as to disposition thereof.

4. Give a concise explanation of any surplus restriction and state the amount of surplus affected by such restriction.

5. If the notes to balance sheet relating to the respondent company appearing in the annual report to the stockholders are applicable in every respect and furnish the data required by Instructions 2, 3, and 4 above, such notes may be attached hereto.

STATEMENT B SUMMARY OF UTILITY PLANT AND ACCUMULATED PROVISIONS FOR DEPRECIATION, AMORTIZATION AND DEPLETION

Line No.	Item (a)	Total (b)	Electric (c)	Gas (d)	(e)	(f)	Common* (g)
1	UTILITY PLANT	$	$	$	$	$	$
2	In Service:						
3	Plant in Service (Classified)						
4	Plant Purchased or Sold						
5	Completed Construction not Classified						
6	In Process of Reclassification						
7	Total						
8	Leased to Others						
9	Held for Future Use						
10	Construction Work in Progress						
11	Acquisition adjustments						
12	Total Utility Plant						
13	Accum. Prov. for Depr., Amort., & Depl.						
14	Net Utility Plant						
15	DETAIL OF ACCUMULATED PROVISIONS FOR DEPRECIATION, AMORTIZATION, & DEPLETION						
16	In Service:						
17	Depreciation						
18	Amort. and Depl. of Producing Natural Gas Land and Land Rights						
19	Amort. of Underground Storage Land and Land Rights						
20	Amort. of Other Utility Plant						
21	Total, in Service						
22	Leased to Others:						
23	Depreciation						
24	Amortization and Depletion						
25	Total, Leased to Others						
26	Held for Future Use:						
27	Depreciation						
28	Amortization						
29	Total, Held for Future Use						
30	Abandonment of Leases (natural gas)						
31	Amort. of Plant Acquisition Adj.						
32	Total Accumulated Provisions (should agree with line 13 above)						

* See page 351 for detail of common utility plant and expenses.

STATEMENT C STATEMENT OF INCOME AND EARNED SURPLUS FOR THE YEAR

Explain if the increases and decreases are not derived from previously reported figures.

Line No.	Account (a)	Sch. Page No. (b)	TOTAL Current year (c)	TOTAL Increase or decrease from preceding year (d)	ELECTRIC Current year (e)
1	UTILITY OPERATING INCOME		$	$	$
2	Operating Revenues (400)				
3	Operating Expenses:				
4	Operation Expense (401)				
5	Maintenance Expense (402)				
6	Depreciation Expense (403)				
7	Amort. and Depl. of Utility Plant (404 and 405)*				
8	Amort. of Util. Plant Acq. Adj. (406)				
9	Amort. of Property Losses (407.1)				
10	Amort. of Conversion Expenses (407.2)				
11	Taxes Other Than Income Taxes (408)	352			
12	Income Taxes—Federal (409)	352			
13	—Other (409)	352			
14	Provision for Deferred Inc. Taxes (410)	227			
15	Income Taxes Def. in Prior Years—Cr. (411)	227	( )		( )
16	Investment Tax Credit Adjustments—(Net) (411.1)	228-9			
17	Total Operating Expenses				
18	Net Operating Revenues				
19	Income from Util. Plant Leased to Others (412, 413)	301			
20	Total Utility Operating Income				
21	OTHER INCOME				
22	Merchandising, Jobbing & Contract Income (415, 416)				
23	Income from Nonutility Operations (417)	303			
24	Nonoperating Rental Income (418)	303			
25	Interest and Dividend Income (419)	303			
26	Investment Tax Credits (420)*	228-9			
27	Miscellaneous Nonoperating Income (421)	303			
28	Total Other Income				
29	Total Income				
30	MISCELLANEOUS INCOME DEDUCTIONS				
31	Miscellaneous Amortization (425)	304			
32	Other Income Deductions (426)	304			
33	Total Income Deductions				
34	Income Before Interest Charges				
35	INTEREST CHARGES				
36	Interest on Long-Term Debt (427)				
37	Amort. of Debt Disc. and Expense (428)	211			
38	Amort. of Prem. on Debt—Credit (429)	211	( )		
39	Int. on Debt to Assoc. Companies (430)	304			
40	Other Interest Expense (431)	304	( )		
41	Int. Charged to Constr.—Credit (432)				
42	Total Interest Charges				
43	Net Income				
44	EARNED SURPLUS				
45	Unappropriated Earned Surplus (beg. of period) (216)	117			
46	Balance Transferred from Income (433)				
47	Miscellaneous Credits to Surplus (434)	117			
48	Miscellaneous Debits to Surplus (435)	117	( )		
49	Appropriations of Surplus (436)	117	( )		
50	Net Additions to Unappropriated Earned Surplus				
51	Dividends Declared—Pref. Stock (437)	117			
52	Dividends Declared—Com. Stock (438)	117			
53	Unappropriated Earned Surplus (at end of period) (216)	117			
54	Appropriated Earned Surplus (at end of period) (215)	117			
55	Total Earned Surplus (215, 216)	117			

*Accounts 404.1, 404.2, 404.3, 420, for natural gas companies.

STATEMENT OF INCOME AND EARNED SURPLUS FOR THE YEAR (Continued) STATEMENT C

Explain if the increases and decreases are not derived from previously reported figures.

UTILITY	GAS UTILITY		. . . . . UTILITY		. . . . . UTILITY		
Increase or decrease from preceding year (f)	Current year (g)	Increase or decrease from preceding year (h)	Current year (i)	Increase or decrease from preceding year (j)	Current year (k)	Increase or decrease from preceding year (l)	Line No.
$	$	$	$	$	$	$	1
							2
							3
							4
							5
							6
							7
							8
							9
							10
							11
							12
							13
							14
	( )		( )		( )		15
							16
							17
							18
							19
							20

Note: If the columns are insufficient for additional utility departments, supply the appropriate account titles, lines 1 to 19, and report the information in the blank space above or on an insert page.

STATEMENT C
(Continued)

NOTES TO STATEMENT OF INCOME AND EARNED SURPLUS

1. The space below is provided for important notes regarding the statement of income and earned surplus or any account thereof.

2. Give concise explanations concerning unsettled rate proceedings where a contingency exists that refunds of a material amount may need to be made to the utility's customers or which may result in a material refund to the utility with respect to power or gas purchases. State for each year affected the gross revenues or costs to which the contingency relates and the tax effects together with an explanation of the major factors which affect the rights of the utility to retain such revenues or recover amounts paid with respect to power or gas purchases.

3. Give concise explanations concerning significant amounts of any refunds made or received during the year resulting from settlement of any rate proceeding affecting revenues received or costs incurred for power or gas purchases. State the accounting treatment accorded such refunds and furnish the necessary particulars, including income tax effects, so that corrections of prior income and earned surplus statements and balance sheets may be made if needed, or furnish amended financial statements if that be deemed more appropriate by the utility.

4. Other important notes concerning the statement of income and earned surplus. If any such notes appearing in the report to stockholders are applicable to Statement C, Statement of Income and Earned Surplus, such notes may be attached hereto.

STATEMENT D

STATEMENT OF EARNED SURPLUS

1. Report in this schedule an accounting for changes in appropriated and unappropriated earned surplus for the year.

2. Each credit and debit during the year should be identified as to the surplus account in which included (Accounts 433–438 inclusive) and the contra primary account affected shown. Minor items may be grouped by classes; however, the number of items in each group should be shown.

3. For each reservation or appropriation of earned surplus state the purpose, amount, and in the case of reservations, the reserve account credited. Explain in a footnote the basis for determining the amount reserved or appropriated and if such reservation or appropriation is to be recurrent, state the number and annual amounts to be reserved or appropriated as well as the totals eventually to be accumulated.

4. Dividends should be shown for each class and series of capital stock. Show amounts of dividends per share.

5. List credits first; then debits.

Line No.	Item (a)	Contra Primary Account Affected (b)	Amount (c)
	UNAPPROPRIATED EARNED SURPLUS (Account 216)		$
1	Balance—Beginning of year		
2	Changes (identify by prescribed earned surplus accounts):		
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
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15			
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18			
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21			
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23			
24			
25			
26			
27			
28			
29			
30			
31			
32	Balance—end of year		
33	**APPROPRIATED EARNED SURPLUS (Account 215)**		$
34	State balance and purpose of each appropriated earned surplus amount at end of year and give		
35	accounting entries for any applications of appropriated earned surplus during the year.		
36			
37			
38			
39			
40			
41			
42			
43	TOTAL EARNED SURPLUS (Accounts 215,216)		$

Rev. (12-64)

NONUTILITY PROPERTY (Account 121)

1. Give a brief description and state the location of nonutility property included in Account 121.

2. Designate any property which is leased to another company. State name of lessee and whether lessee is an associated company.

3. Furnish particulars concerning sales, purchases, or transfers of nonutility Property during the year.

4. List separately any property previously devoted to public service having an original cost of $150,000 or more and give date of transfer to Account 121, Nonutility Property. Other items of property previously devoted to public service may be grouped provided that the number of properties so grouped is indicated.

5. Minor items may be grouped.

Line No.	Description and Location (a)	Balance end of the year (b)
1		$
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
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25		

ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF NONUTILITY PROPERTY (Account 122)

Report below the information called for concerning depreciation and amortization of nonutility property.

Line No.	Item (a)	Amount (b)
34	Balance, beginning of year	$
35	Accruals for year, charged to:	
36	(417) Income from Nonutility Operations	
37	(418) Nonoperating Rental Income	
38	Other Accounts (specify):	
39		
40	Total Accruals for Year	
41	Net charges for plant retired:	
42	Book cost of plant retired	
43	Cost of removal	
44	Salvage (credit)	( )
45	Total Net Charges	
46	Other debit or credit items (describe):	
47		
48	Balance, end of year	

INVESTMENTS (Accounts 123, 124, 136)

1. Report below investments in Accounts 123, Investments in Associated Companies, 124, Other Investments, and 136, Temporary Cash Investments.

2. Provide a subheading for each account and list thereunder the information called for, observing the instructions below.

3. *Investment in Securities*—List and describe each security owned, giving name of issuer. For bonds give also principal amount, date of issue, maturity, and interest rate. For capital stock, including capital stock of respondent reacquired under a definite plan for resale pursuant to authorization by the Board of Directors, and included in Account 124, Other Investments; state number of shares, class and series of stock. Minor investments may be grouped by classes. Investments included in Account 136, Temporary Cash Investments, also may be grouped by classes.

4. *Investment Advances*—Report separately for each person or company the amounts of loans or investment advances which are subject to repayment but which are not subject to current settlement. With respect to each advance show whether the advance is a note or open account. Each note should be listed giving date of issuance, maturity date, and specifying whether note is a renewal. Designate any advances due from officers, directors, stockholders, or employees.

5. For any securities, notes, or accounts that were pledged, designate such securities, notes, or accounts and in a footnote state the name of pledgee and purpose of the pledge.

6. If Commission approval was required for any advance made or security acquired, designate such fact and in a footnote give name of Commission, date of authorization, and case or docket number.

7. Interest and dividend revenues from investments should be reported in column (g), including such revenues from securities disposed of during the year.

8. In column (h) report for each investment disposed of during the year the gain or loss represented by the difference between cost of the investment (or the other amount at which carried in the books of account if different from cost) and the selling price therefor, not including any dividend or interest adjustment includible in column (g).

Line No.	Description of Investment (a)	Date Acquired (b)	Date of Maturity (c)	Book Cost* Beginning of Year (d)	Principal Amount or No. of Shares End of Year (e)	Book Cost* End of Year (f)	Revenues for Year (g)	Gain or Loss from Invest. Disposed of (h)
1				$		$	$	$
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								

*If book cost is different from cost to respondent, give cost to respondent in a footnote and explain difference.

NOTES AND ACCOUNTS RECEIVABLE

Summary for Balance Sheet

Show separately by footnote the total amount of notes and accounts receivable from directors, officers, and employees included in Notes Receivable (Account 141) and Other Accounts Receivable (Account 143).

Line No.	Accounts (a)	Balance Beginning of Year (b)	Balance End of Year (c)
1	Notes Receivable (Account 141)..	$	$
2	Customer Accounts Receivable (Account 142)..		
3	Other Accounts Receivable (Account 143).. (Disclose any capital stock subscriptions received)		
4	Total..		
5	Less: Accumulated Provision for Uncollectible Accounts—Cr. (Account 144)..		
6	Total, Less Accumulated Provision for Uncollectible Accounts...........		
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS—CR. (Account 144)

1. Report below the information called for concerning this accumulated provision.
2. Explain any important adjustments of subaccounts.
3. Entries with respect to officers and employees shall not include items for utility services.

Line No.	Item (a)	Utility Customers (b)	Merchandise, Jobbing and Contract Work (c)	Officers and Employees (d)	Other (e)	Total (f)
21	Balance beginning of year........................	$	$	$	$	$
22	Prov. for uncollectibles for year..................					
23	Accounts written off................................	( )	( )	( )	( )	( )
24	Coll. of accounts written off........................					
25	Adjustments (explain):.............................					
26	....					
27	Balance end of year................................					
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						

RECEIVABLES FROM ASSOCIATED COMPANIES (Accounts 145, 146)

1. Report particulars of notes and accounts receivable from associated companies at end of year.

2. Provide separate headings and totals for Accounts 145, Notes Receivable from Associated Companies, and 146, Accounts Receivable from Associated Companies, in addition to a total for the combined accounts.

3. For notes receivable list each note separately and state purpose for which received. Show also in column (a) date of note and date of maturity.

4. If any note was received in satisfaction of an open account, state the period covered by such open account.

5. Include in column (d) interest recorded as income during the year, including interest on accounts and notes held any time during the year.

6. Give particulars of any notes pledged or discounted, also of any collateral held as guarantee of payment of any note or account.

Line No.	Name of Company (a)	Amount End of Year (b)	INTEREST FOR YEAR	
			Rate (c)	Amount (d)
1		$	%	$
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
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32				
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34				
35				
36				
37				
38				
39				
40				
41				
42				
43	TOTAL		▨	

Annual report of Year ended December 31, 19

MATERIALS AND SUPPLIES

Line No.	Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Department to which predominant use of material is attributable (d)
		$	$	
1	Fuel Stock (Acct. 151)(See sch. pg 209)			
2	Fuel Stock Expenses Undistributed (Acct. 152) ...			
3	Residuals & Extracted Products (Acct. 153).......			
4	Plant Materials & Operating Supplies (Acct.154): 1/			
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30	Total Account 154	$	$	
31	Merchandise (Account 155)	$	$	
32	Other Materials & Supplies (Acct. 156)			
33	Nuclear Fuel Assemblies & Components --In Reactor			
34	(Account 157)*			
35	Nuclear Fuel Assemblies & Components - Stock Acct.			
36	(Account 158)*			
37	Nuclear Byproduct Materials (Account 159)*.......			
38	Stores Expense Undistributed (Acct. 163)			
39	Total Materials & Supplies (per balance sheet)..	$	$	

1/ Report the amount of plant materials and operating supplies at end of year under titles which are indicative of the character of the material included. In column (d), designate the department to which predominant use of the class of material is attributable. Give an explanation of important inventory adjustments during year (on a separate page) showing general classes of material affected and the various classes of accounts (operating expense, clearing accounts, plant, etc.) debited or credited. Debits or credits to stores expense-clearing shall be shown separately, if applicable.

* Not applicable to Gas Utilities

PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)

1. Report below the information called for concerning production fuel and oil stocks.
2. Show quantities in tons of 2000 lb. barrels (42 gals.), or Mcf., whichever unit of quantity is applicable.
3. Each kind of coal or oil should be shown separately.
4. If the respondent obtained any of its fuel from its own coal mines or oil or gas lands or leases, a statement should be submitted showing the quantity of such fuel so obtained, the quantity used and quantity on hand, and cost of the fuel classified as to the nature of the costs and expenses incurred with appropriate adjustment for the inventories at beginning and end of year.

Line No.	Item (a)	Total Cost (b)	KINDS OF FUEL AND OIL					
			Quantity (c)	Cost (d)	Quantity (e)	Cost (f)	Quantity (g)	Cost (h)
1	On hand beginning of year	$		$		$		$
2	Received during year							
3	TOTAL							
4	Used during year (specify departments)							
5								
6								
7								
8								
9								
10								
11	Sold or transferred							
12	TOTAL DISPOSED OF							
13	BALANCE END OF YEAR							

Line No.	Item (i)	KINDS OF FUEL AND OIL—Continued					
		Quantity (j)	Cost (k)	Quantity (l)	Cost (m)	Quantity (n)	Cost (o)
14	On hand beginning of year		$		$		$
15	Received during year						
16	TOTAL						
17	Used during year (specify departments)						
18							
19							
20							
21							
22							
23							
24	Sold or transferred						
25	TOTAL DISPOSED OF						
26	BALANCE END OF YEAR						

MISCELLANEOUS CURRENT AND ACCRUED ASSETS (Account 174)

1. Give description and amount of other current and accrued assets as of end of year.
2. Minor items may be grouped by classes, showing number of such items.

Line No.	Item (a)	Balance end of year (b)
1		$
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23	TOTAL	

EXTRAORDINARY PROPERTY LOSSES (Account 182)

1. Report below particulars concerning the accounting for extraordinary property losses.
2. In column (a) describe the property abandoned or extraordinary loss suffered, date of abandonment or loss, date of Commission authorization of use of Account 182, and period over which amortization is being made.

Line No.	Description of property loss or damage (a)	Total amount of loss (b)	Previously written off (c)	WRITTEN OFF DURING YEAR		Balance end of year (f)
				Account charged (d)	Amount (e)	
24		$	$		$	$
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44	TOTAL			▨		

UNAMORTIZED DEBT DISCOUNT AND EXPENSE AND UNAMORTIZED PREMIUM ON DEBT (Accounts 181, 251)

1. Report under separate subheadings for Unamortized Debt Discount and Expense and Unamortized Premium on Debt, particulars of discount and expense or premium applicable to each class and series of long-term debt.

2. Show premium amounts in red or by enclosure in parentheses.

3. In column (b) show the principal amount of bonds or other long-term debt originally issued.

4. In column (c) show the discount and expense or premium with respect to the amount of bonds or other long-term debt originally issued.

5. Furnish particulars regarding the treatment of unamortized debt discount and expense or premium, redemption premiums, and redemption expenses associated with issues redeemed during the year, also, date of the Commission's authorization of treatment other than as specified by the Uniform System of Accounts.

6. Set out separately and identify undisposed amounts applicable to issues which were redeemed in prior years.

7. Explain any debits and credits other than amortization debited to Account 428, Amortization of Debt Discount and Expense, or credited to Account 429, Amortization of Premium on Debt—Credit.

Line No.	Designation of long-term debt (a)	Principal amount of securities to which discount and expense, or premium minus expense, relates (b)	Total discount and expense or net premium (c)	AMORTIZATION PERIOD		Balance beginning of year (f)	Debits during year (g)	Credits during year (h)	Balance end of year (i)
				From— (d)	To— (e)				
		$	$			$	$	$	$
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									

PRELIMINARY SURVEY AND INVESTIGATION CHARGES (Account 183)

1. Report below particulars concerning the cost of plans, surveys, and investigations made for the purpose of determining the feasibility of projects under contemplation.
2. Minor items may be grouped by classes. Show the number of items in each group.

Line No.	Description and purpose of project (a)	Balance Beginning of Year (b)	Debits (c)	CREDITS		Balance end of Year (f)
				Account Charged (d)	Amount (e)	
1		$	$		$	$
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30	TOTAL . .			▨		

Rev. (12-67)

MISCELLANEOUS DEFERRED DEBITS (Account 186)

1. Report below the particulars called for concerning miscellaneous deferred debits.
2. For any deferred debit being amortized show period of amortization.
3. Minor items may be grouped by classes, showing number of such items.

Line No.	Description of miscellaneous deferred debit (a)	Balance beginning of year (b)	Debits (c)	CREDITS		Balance end of year (f)
				Account charged (d)	Amount (e)	
		$	$		$	$
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17	Misc. Work in Progress		▨	▨	▨	
18	Deferred regulatory commission expenses..................					
19	TOTAL..		▨	▨	▨	

DEFERRED REGULATORY COMMISSION EXPENSES

1. Report below the information called for concerning deferred regulatory commission expenses.

2. Include in description of case, name of regulatory body, case or docket number, and period over which the deferred expenses are being written off.

3. Total expenses incurred and total written off to end of current year should be shown in columns (b) to (d) inclusive, whether the expenses were charged originally to Account 928 or to Account 186.

Line No.	Description of case (a)	Total expenses of case (b)	AMORTIZATION		Balance end of year (In Account 186) (e)
			Previous years (c)	Current year (d)	
		$	$	$	$
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					
61					
62					
63	TOTAL..				

CAPITAL STOCK (Accounts 201 and 204)

1. Report below the particulars called for concerning common and preferred stock at end of year, distinguishing separate series of any general class. Show totals separately for common and preferred stock.

2. Entries in column (b) should represent the number of shares authorized by the articles of incorporation as amended to end of year.

3. Give particulars concerning shares of any class and series of stock authorized to be issued by a regulatory commission which have not yet been issued.

4. The designation of each class of preferred stock should show the dividend rate and whether the dividends are cumulative or noncumulative.

5. State if any capital stock which has been nominally issued is nominally outstanding at end of year.

6. Give particulars of any nominally issued capital stock, reacquired stock, or stock in sinking and other funds which is pledged, stating name of pledgee and purpose of pledge.

Line No.	Class and Series of Stock	Number of shares authorized by charter	Par or stated value per share	Call Price at end of Year	OUTSTANDING PER* BALANCE SHEET		HELD BY RESPONDENT			
							AS REACQUIRED STOCK (Account 217)		IN SINKING AND OTHER FUNDS	
					Shares	Amount	Shares	Cost	Shares	Amount
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1			$	$		$		$		$
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										

*Total amount outstanding without reduction for amounts held by respondent.

CAPITAL STOCK SUBSCRIBED, CAPITAL STOCK LIABILITY FOR CONVERSION, PREMIUM ON CAPITAL STOCK, AND INSTALLMENTS RECEIVED ON CAPITAL STOCK

(Accounts 202 and 205, 203 and 206, 207, 212)

1. Show for each of the above accounts the amounts applying to each class and series of capital stock.

2. For Common Stock Subscribed, Account 202, and Preferred Stock Subscribed, Account 205, show the subscription price and the balance due on each class at end of year.

3. Describe the agreement and transactions under which a conversion liability existed under Account 203, Common Stock Liability for Conversion, or Account 206, Preferred Stock Liability for Conversion, at end of year.

4. For Premium on Capital Stock, Account 207, designate any amounts representing the excess of consideration received over stated values of stocks without par value.

Line No.	Name of account and description of item (a)	Number of shares (b)	Amount (c)
1			$
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
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21			
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26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45		TOTAL—	
46			

OTHER PAID-IN CAPITAL (Accounts 208–211, inc.)

1. Report below balance at end of year and the information specified in the instructions below for the respective other paid-in capital accounts. Provide a conspicuous subheading for each account and show a total for the account, as well as total of all accounts for reconciliation with balance sheet. Additional columns may be added for any account if deemed necessary. Explain the change in any account during the year and give the accounting entries effecting such change.

2. *Donations Received from Stockholders* (Account 208)—State amount and give brief explanation of the origin and purpose of each donation.

3. *Reduction in Par or Stated Value of Capital Stock* (Account 209)—State amount and give brief explanation of the capital changes which gave rise to amounts reported under this caption including identification with the class and series of stock to which related.

4. *Gain on Resale or Cancellation of Reacquired Capital Stock* (Account 210)—Report balance at beginning of year, credits, debits, and balance at end of year with a succinct designation of the nature of each credit and debit identified as to class and series of stock to which related.

5. *Miscellaneous Paid-In Capital* (Account 211)—Classify amounts included in this account at end of year according to captions which, together with brief explanations, disclose the general nature of transactions which gave rise to the reported amounts.

Line No.	Item (a)	Amount (b)
1		$
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41	TOTAL..	

DISCOUNT ON CAPITAL STOCK (Account 213)

1. Report the balance at end of year of discount on capital stock for each class and series of capital stock.

2. If any change occurred during the year in the balance with respect to any class or series of stock, attach a statement giving particulars of the change. State the reason for any charge-off during the year and specify the amount charged.

Line No.	Class and series of stock (a)	Balance End of Year (b)
1		$
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21	TOTAL..	

CAPITAL STOCK EXPENSE (Account 214)

1. Report the balance at end of year of capital stock expense for each class and series of capital stock.

2. If any change occurred during the year in the balance with respect to any class or series of stock, attach a statement giving particulars of the change. State the reason for any charge-off of capital stock expense and specify the account charged.

Line No.	Class and Series of Stock (a)	Balance End of Year (b)
		$
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52	TOTAL..	

LONG-TERM DEBT (Accounts 221, 223, and 224)

1. Report by balance sheet accounts particulars concerning long-term debt included in Accounts 221, Bonds; 223, Advances from Associated Companies; and 224, Other Long-Term Debt.

2. For bonds assumed by the respondent, column (a) should include name of the issuing company as well as the description of the bonds.

3. Advances from Associated Companies should be reported separately for advances on notes, and advances on open accounts. Demand notes shall be designated as such. Names of associated companies from which advances were received shall be shown in col. (a).

4. For receivers' certificates show the name of the court and date of court order under which such certificates were issued.

5. In an insert schedule give explanatory particulars for accounts 223, and 224 of net changes during the year. With respect to long-term advances show for each company (a) principal advanced during year, (b) interest added to principal amount, and (c) principal repaid during year. Give Commission authorization numbers and dates.

6. If the respondent has pledged any of its long-term debt securities, give particulars in a footnote, including name of the pledgee and purpose of the pledge.

7. If the respondent has any long-term debt securities which have been nominally issued and are nominally outstanding at end of year, describe such securities in a footnote.

8. If interest expense was incurred during the year on any obligations retired or reacquired before end of year, include such interest expense in column (f). Explain any difference between the total of column (f) and the total of Account 427, Interest on Long-Term Debt, and Account 430, Interest on Debt to Associated Companies.

9. Give particulars concerning any long-term debt authorized by a regulatory commission but not yet issued.

Line No.	Class and Series of Obligation (a)	Nominal Date of Issue (b)	Date of Maturity (c)	Outstanding* (d)	INTEREST FOR YEAR		HELD BY RESPONDENT		Redemption Price per $100 End of Year (i)
					Rate (e)	Amount (f)	Reacquired Bonds (Acct. 222) (g)	Sinking and Other Funds (h)	
1				$	%	$	$	$	$
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24	TOTAL..								

*Total amount outstanding without reduction for amounts held by respondent.

SECURITIES ISSUED OR ASSUMED AND SECURITIES REFUNDED OR RETIRED DURING THE YEAR

1. Furnish an insert schedule giving a brief description of security financing and refinancing transactions during the year and the accounting for the securities, discounts, premiums, and expenses relating thereto, identified as to Commission authorization numbers and dates.

2. The particulars furnished should be sufficient to show fully the accounting for the total principal amount, par value, or stated value of each class and series of security issued, assumed, retired, or refunded and the accounting for premiums, discounts, and expenses relating to the securities. The facts of the accounting should be clearly set forth with regard to redemption premiums, unamortized discounts and expenses, and expenses relating to securities retired or refunded, including the accounting for such amounts carried in the respondent's accounts at the date of the refunding or refinancing transactions with respect to securities previously refunded or retired.

3. The identification of each class and series of security should include, as appropriate, the interest or dividend rate, nominal date of issuance, maturity date, aggregate principal amount, par value or stated value, and number of shares. Also to be given are the issuance or redemption price and name of the principal underwriting firm through which the security transactions were consummated.

4. Where the accounting for amounts relating to securities refunded or retired is other than that specified in Balance Sheet Accounts 181 and 251 of the Uniform System of Accounts, references should be given to the Commission authorization for the different accounting and the accounting should be stated.

5. For securities assumed the name of the company for which the liability on the securities was assumed should be given as well as particulars of the transactions whereby the respondent undertook to pay obligations of another company. If any unamortized discount, premiums, and expenses were taken over onto the respondent's books, details of these amounts should be furnished with amounts relating to refunded securities clearly earmarked.

NOTES PAYABLE (Account 231)

1. Report the particulars indicated concerning notes payable at end of year.

2. Give particulars of collateral pledged, if any.

3. Any demand notes should be designated as such in column (d).

4. Minor amounts may be grouped by classes, showing the number of such amounts.

Line No.	Payee (a)	Purpose for which issued (b)	Date of Note (c)	Date of Maturity (d)	Int. rate (e)	Balance end of year (f)
1					%	$
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20				TOTAL		

PAYABLES TO ASSOCIATED COMPANIES (Accounts 233, 234)

1. Report particulars of notes and accounts payable to associated companies at end of year.

2. Provide separate totals for Accounts 233, Notes Payable to Associated Companies, and 234 Accounts Payable to Associated Companies, in addition to a total for the combined accounts.

3. List each note separately and state the purpose for which issued. Show also in column (a) date of note and maturity.

4. Include in column (e) the amount of any interest expense during the year on notes or accounts that were paid before the end of the year.

5. If collateral has been pledged as security to the payment of any note or account, describe such collateral.

Line No.	Name of Company (a)	Commission authority (b)	Amount end of year (c)	INTEREST FOR YEAR	
				Rate (d)	Amount (e)
31			$	%	$
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45		TOTAL			

ACCRUED AND PREPAID TAXES

1. This schedule is intended to give particulars of the combined prepaid and accrued tax accounts and to show the total taxes charged to operations and other accounts during the year. Do not include gasoline and other sales taxes which have been charged to the accounts to which the material on which the tax was levied was charged.

2. Taxes, paid during the year and charged direct to final accounts, that is, not charged to prepaid or accrued taxes, should be included in the schedule. Enter the amounts both in columns (d) and (e). The balancing of the schedule is not affected by the inclusion of these taxes.

3. Taxes charged during the year, column (d), include taxes charged to operations and other accounts through (a) accruals credited to taxes accrued, (b) amounts credited to prepaid taxes for proportions of prepaid taxes chargeable to current year, and (c) taxes paid and charged direct to operations or accounts other than accrued and prepaid tax accounts.

4. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal," "State," and "Local" in such manner that the total tax for each State and for all subdivisions can readily be ascertained.

5. *If any tax covers more than 1 year, the required information of all columns should be shown separately for each year.*

6. Enter all adjustments of the accrued and prepaid tax accounts in column (f) and explain each adjustment. Designate debit adjustments by parentheses.

7. See schedule entitled "TAXES CHARGED DURING YEAR," page 332, for a distribution of taxes charged, column (d), according to utility departments and accounts.

8. Do not include in this schedule entries with respect to deferred income taxes or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

Line No.	Kind of Tax (See Instruction 5) (a)	BALANCE BEGINNING OF YEAR		Taxes Charged During Year (d)	Paid During Year (e)	Adjustments (f)	BALANCE END OF YEAR	
		Taxes Accrued (b)	Prepaid Taxes (c)				Taxes accrued (Account 236) (g)	Prepd. taxes (Incl. in Acct. 165) (h)
		$	$	$	$	$	$	$
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25	TOTAL..							

RECONCILIATION OF REPORTED NET INCOME WITH TAXABLE INCOME FOR FEDERAL INCOME TAXES

1. Report hereunder a reconciliation of reported net income for the year with taxable income used in computing Federal income tax accruals and show computation of such tax accruals. The reconciliation shall be submitted even though there is no taxable income for the year. Descriptions should clearly indicate the nature of each reconciling amount.

2. If the utility is a member of a group which files a consolidated Federal tax return, reconcile reported net income with taxable net income as if a separate return were to be filed, indicating, however, intercompany amounts to be eliminated in such consolidated return. State names of group members, tax assigned to each group member, and basis of allocation, assignment, or sharing of the consolidated tax among the group members.

Line No.	Particulars (a)	Amount (b)
1	Net income for the year per Statement C, page 114	$
2	Reconciling amounts (list first additional income and unallowable deductions, followed by additional	
3	deductions and nontaxable income):	
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27	Federal tax net income	
28		
29	Computation of tax:	
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		

MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES (Account 242)

1. Report the amount and description of other current and accrued liabilities at end of year.
2. Minor items may be grouped under appropriate title.

Line No.	Item (a)	Amount (b)
1		$
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
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30		
31		
32		
33		
34		
35		
36		
37	TOTAL . .	

CUSTOMER ADVANCES FOR CONSTRUCTION (Account 252)

Line No.	Class of utility service (a)	Balance end of year (b)
41		$
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52	TOTAL . .	

OTHER DEFERRED CREDITS (Account 253)

1. Report below the particulars called for concerning other deferred credits.
2. For any deferred credit being amortized show the period of amortization.
3. Minor items may be grouped by classes. Show number of items.

Line No.	Description of other deferred credit (a)	Balance beginning of year (b)	DEBITS		Credits (e)	Balance end of year (f)
			Account Credited (c)	Amount (d)		
1		$		$	$	$
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
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26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50	TOTAL					

OPERATING RESERVES (Accounts 261, 262, 263, 264, 265)

1. Report below an analysis of the changes during the year for each of the above-named reserves.

2. Show name of reserve and account number, balance beginning of year, credits, debits, and balance at end of year. Credit amounts should be shown in black, debit amounts in red or enclosed by parentheses.

3. Each credit and debit amount should be described as to its general nature and the contra account debited or credited shown. Combine the amounts of monthly accounting entries of the same general nature. If respondent has more than one utility department, contra accounts debited or credited should indicate the utility department affected.

4. For Accounts 261, Property Insurance Reserve and 262, Injuries and Damages Reserve, explain the nature of the risks covered by the reserves.

5. For Account 265, Miscellaneous Operating Reserves, report separately each reserve comprising the account and explain briefly its purpose.

Line No.	Item (a)	Contra Account Debited or Credited (b)	Amount (c)
1			$
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
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29			

CONTRIBUTIONS IN AID OF CONSTRUCTION (Account 271)

Report below the amount of contributions in aid of construction applicable to each utility department

Line No.	Class of Utility service (a)	Balance beginning of year (b)	DEBITS		Credits (e)	Balance end of year (f)
			Account Credited (c)	Amount (d)		
51		$		$	$	$
52						
53						
54						
55						
56						
57						
58	TOTAL..					

ACCUMULATED DEFERRED INCOME TAXES (Accounts 281, 282, 283)

1. Report the information called for below concerning the respondent's accounting for deferred income taxes.

2. In the space provided furnish significant explanations, including the following:

(a) Accelerated Amortization—State for each certification number a brief description of property, total and amortizable cost of such property, date amortization for tax purposes commenced, "normal" depreciation rate used in computing deferred tax amounts.

(b) Liberalized Depreciation—State the general method or methods of liberalized depreciation being used (sum-of-years digits, declining balance, etc.), estimated useful lives and classes of plant to which each method is being applied. Furnish a table showing for each year, 1954 to date of this report, the annual amounts of tax deferrals, and with respect to each year's tax deferral, the total debits thereto which have been accounted for as credits to Account 411, Income Taxes Deferred in Prior Years—Credit or comparable account of the previous system of accounts.

(c) Other—Describe the amounts for which deferred tax accounting in this classification is being followed by the respondent and the basis therefor, and give reference to the order or other action of the Commission authorizing or directing such accounting.

Line No.	Account Subdivisions (a)	Balance Beginning of Year (b)	Changes During Year: Amounts Debited Account 410 (1) (c)	Changes During Year: Amounts Credited Account 411 (2) (d)	Balance End of Year (e)
	Accelerated Amortization (Account 281)	$	$	$	$
1	Electric				
2	Gas				
3	Other (Specify)				
4	Total				
	Liberalized Depreciation (Account 282)				
5	Electric				
6	Gas				
7	Other (Specify)				
8	Total				
	Other (Account 283)				
9	Electric				
10	Gas				
11	Other (Specify)				
12	Total				
	Total (Accounts 281, 282, 283)				
13	Electric				
14	Gas				
15	Other (Specify)				
16	Total				
	Classification of Total:				
17	Federal Income Tax				
18	State Income Tax				

(1) Account 410, Provision for Deferred Income Taxes.

(2) Account 411, Income Taxes Deferred in Prior Years—Credit.

INVESTMENT TAX CREDITS GENERATED AND UTILIZED

1. This schedule shall be prepared by the reporting company regardless of the method of accounting adopted for the investment tax credits. By footnote state the method of accounting adopted, and whether the company has consented, or is required by another Commission, to pass the entire amount of tax credits on to customers.

2. As indicated in Column (a), the schedule shall show each year's activities from 1962 through the year covered by this report, and shall separately identify the data for 3 percent (3%) and 7 percent (7%) credits.

3. Report in Column (b) the amount of investment tax credits generated from properties acquired for use in gas utility operations and report in Column (c) the amount of such generated credits utilized in computing the annual income taxes. If there are other utility or nonutility operations, show any applicable generated and utilized investment tax credits in a footnote. Also explain by footnote any adjustments to Columns (b), (c) and (d) such as for corrections, etc., or carryback of unused credits.

4. Report in Column (d) the weighted-average useful life of all properties used in computing the investment tax credits in Column (b).

5. Show by footnote any unused credits available at end of each year for carry forward as a reduction of taxes in subsequent years.

Line No.	Year (a)	Credit Generated for year (b)	Credit Utilized for year (c)	Weighted-Average Useful Life of Property (d)
1	1962	$	$	
2	3%			
3	7%			
4	1963			
5	3%			
6	7%			
7	1964			
8	3%			
9	7%			
10	1965			
11	3%			
12	7%			
13	1966			
14	3%			
15	7%			
16	1967			
17	3%			
18	7%			
19	1968			
20	3%			
21	7%			
22	1969			
23	3%			
24	7%			
25	1970			
26	3%			
27	7%			
28	1971			
29	3%			
30	7%			
31	1972			
32	3%			
33	7%			
34	1973			
35	3%			
36	7%			
37	1974			
38	3%			
39	7%			
40	1975			
41	3%			
42	7%			

ACCUMULATED DEFERRED INVESTMENT TAX CREDITS (Account 255)

Report as specified below information applicable to the balance in Account 255, and the transactions therein. Where appropriate, segregate the balances and transactions by utility and nonutility operations. Explain by footnote any correcting adjustments to the account balance during the year. Include in Column (h) the weighted-average period over which the tax credits are amortized.

Line No.	Account Subdivisions (a)	Balance Beginning of Year (b)	Deferred for Year		Allocations to Current Year's Income		Balance End of Year (g)	Average Period of Allocation to Income (h)
			Account No. (c)	Amount (d)	Account No. (e)	Amount (f)		
1	Electric Utility:							
2	3%							
3	7%							
4	Total							
5	Other: (list							
6	separately and show							
7	3%, 7%, and total)							
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
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19								
20								
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22								
23								
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INCOME FROM UTILITY PLANT LEASED TO OTHERS (Accounts 412 and 413)

1. Report below the revenues, expenses and income for year from lease to others of utility property constituting a distinct operating unit or system.

2. For each lease show: (1) name of lessee and description and location of the leased property; (2) revenues; (3) operating expenses classified as to operation, maintenance, depreciation, rents, amortization, taxes other than income taxes, and income taxes; and (4) income from lease for year. Arrange amounts so that deductions appear as a subtraction from revenues, and income as the remainder.

3. Provide a subheading and total for each utility department in addition to a total for all utility departments.

4. If the property is leased on a basis other than that of a fixed annual rental, give particulars of the method of determining the annual rental.

5. Designate associated companies.

PARTICULARS CONCERNING CERTAIN OTHER INCOME ACCOUNTS

1. Report in this schedule the information specified in the instructions below for the respective other income accounts. Provide a conspicuous subheading for each account and show a total for the account. Additional columns may be added for any account if deemed necessary.

2. *Income from Nonutility Operations* (Account 417)—Describe each nonutility operation and show revenues, operating expenses classified as to operation, maintenance, depreciation, rents, amortization, taxes other than income taxes, income taxes, and net income from the operation. Give the basis of any important segregations of expenses between utility operations and nonutility operations.

3. *Nonoperating Rental Income* (Account 418)—For each major item of miscellaneous property included in Account 121, Nonutility Property, which is not used in operations for which income is included in Account 417, but which is leased or rented to others, give name of lessee, brief description of property, effective date and expiration date of lease, amount of rent revenues, operating expenses classified as to operation, maintenance, depreciation, rents, amortization, taxes other than income taxes, income taxes, and net income from the rentals. If the property is leased on a basis other than that of a fixed annual rental, state the method of determining the rental. Minor items may be grouped by classes, but the number of items so grouped should be shown. Designate any lessees which are associated companies.

4. *Interest and Dividend Income* (Account 419)—Report interest and dividend income identified as to the asset account or group of accounts in which are included the assets from which the interest or dividend income was derived. Income derived from investments, Accounts 123, 124 and 136 may be shown in total. Income from sinking and other funds should be identified with the related special funds. Show also expenses, operating taxes and income taxes included in Account 419 as required by the uniform system of accounts.

5. *Miscellaneous Nonoperating Income* (Account 421)—Give the nature and source of each miscellaneous nonoperating income and the amount thereof for the year. Minor items may be grouped by classes.

Line No.	Item (a)	Amount (b)
1		$
2		
3		
4		
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PARTICULARS CONCERNING CERTAIN INCOME DEDUCTION AND INTEREST CHARGES ACCOUNTS

1. Report in this schedule the information specified in the instructions below for the respective income deduction accounts. Provide a conspicuous subheading for each account and show a total for the account. Additional columns may be added if deemed appropriate with respect to any account.

2. *Miscellaneous Amortization* (Account 425)—Describe each amortization charge included in Account 425, specify the contra account to which the amount was credited, and give the amount of the amortization charge for the year.

3. *Other Income Deductions* (Account 426)—Report the nature, payee, and amount of other income deductions for the year as required by Subaccounts 426.1, Donations; 426.2, Life Insurance; 426.3, Penalties; and 426.5, Other Deductions, of the Uniform System of Accounts. Amounts of less than $1,000 may be grouped by classes within the above subaccounts if the number of items so grouped is shown. Additionally, report the total amount of income deductions included in Subaccount 426.4, particulars of which are contained in the separate schedule "Expenditures for Certain Civic, Political and Related Activities."

4. *Interest on Debt to Associated Companies* (Account 430)—For each associated company to which interest on debt was incurred during the year show the amount and interest rate respectively for (a) advances on notes (b) advances on open account (c) notes payable (d) accounts payable and (e) other debt, and total interest. Explain the nature of other debt on which interest was incurred during the year.

5. *Other Interest Expense* (Account 431)—Report the amount and interest rate for each class of debt on which other interest charges were incurred during the year.

Line No.	Item (a)	Amount (b)
		$
1		
2		
3		
4		
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13		
14		
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EXPENDITURES FOR CERTAIN CIVIC, POLITICAL AND RELATED ACTIVITIES
(Subaccount 426.4)

1. Report below all expenditures incurred by the respondent during the year for the purpose of influencing public opinion with respect to the election or appointment of public officials, referenda, legislation or ordinances (either with respect to the possible adoption of new referenda, legislation or ordinances or repeal or modification of existing referenda, legislation or ordinances); approval, modification, or revocation of franchises; or for the purpose of influencing the decisions of public officials which are accounted for as Other Income Deductions, Expenditures for Certain Civic, Political and Related Activities; Subaccount 426.4.

2. Advertising expenditures in this Subaccount shall be classified according to subheadings, as follows: (a) radio, television, and motion picture advertising; (b) newspaper, magazine, and pamphlet advertising; (c) letters or inserts in customers' bills; (d) inserts in reports to stockholders; (e) newspaper and magazine editorial services; and (f) other advertising.

3. Expenditures within the definition of paragraph (1), other than advertising shall be reported according to captions or descriptions, clearly indicating the nature and purpose of the activity.

4. If respondent has not incurred any expenditures contemplated by the instructions of Subaccount 426.4, so state.

5. For reporting years which begin during the calendar year 1963 only, minor amounts may be grouped by classes if the number of items so grouped is shown.

NOTE: The classification of expenses as nonoperating and their inclusion in this account is for accounting purposes. It does not preclude Commission consideration of proof to the contrary for ratemaking or other purposes.

Line No.	Item (a)	Amount (b)
1		$
2		
3		
4		
5		
6		
7		
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9		
10		
11		
12		
13		
14		
15		
16		
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Rev. (12-64)

COMMON UTILITY PLANT AND EXPENSES

1. Furnish a schedule describing the property carried in the utility's accounts as common utility plant and showing the book cost of such plant at end of year classified by accounts as provided by Plant Instruction 13, Common Utility Plant, of the Uniform System of Accounts. Such schedule also shall show the allocation of such plant costs to the respective departments using the common utility plant, explain the basis of allocation used, and give the allocation factors.

2. Furnish a schedule of the accumulated provisions for depreciation and amortization at end of year, showing the amounts and classifications of such accumulated provisions, and amounts allocated to utility departments using the common utility plant to which such accumulated provisions relate including explanation of basis of allocation and factors used.

3. Furnish a schedule showing for the year the expenses of operation, maintenance, rents, depreciation and amortization for common utility plant classified by accounts as provided by the Uniform System of Accounts. Such schedule also shall show the allocation of such expenses to the departments using the common utility plant to which such expenses are related, explain the basis of allocation used, and give the factors of allocation.

4. Give date of approval by the Commission for use of the common utility plant classification and reference to order of the Commission or other authorization.

TAXES CHARGED DURING YEAR

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.

2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts.

3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal," "State," and "Local" in such manner that the total tax for each State and for all subdivisions can readily be ascertained.

4. The accounts to which taxes charged were distributed should be shown in columns (c) to (j). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant acount or subaccount.

5. For any tax which it was necessary to apportion to more than one utility department or account, state in a footnote the basis of apportioning such tax.

6. The total taxes charged as shown in column (b) should agree with the amounts shown by column (d) of schedule entitled "Accrued and Prepaid Taxes," page 222

7. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

Line No.	Kind of tax (a)	Total taxes charged during year (b)	DISTRIBUTION OF TAXES CHARGED (Show utility department where applicable and account charged)							
			Electric (Account 408, 409) (c)	Gas (Account 408, 409) (d)	(e)	(f)	(g)	(h)	(i)	(j)
1		$	$	$	$	$	$	$	$	$
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27	TOTAL . .									

REGULATORY COMMISSION EXPENSES

1. Report particulars of expenses incurred during the year in formal cases before regulatory commissions, or other regulatory bodies, or cases in which such a body was a party.

2. Describe case and give name of regulatory body and case or docket number.

3. Amortization of expenses incurred in prior years should be shown in column (c) enclosed in parentheses, in addition to being shown also in column (b).

4. Minor items may be grouped.

Line No.	Description of case	EXPENSES INCURRED DURING YEAR			Transferred to miscellaneous deferred debits (Acct. 186)	CHARGED OFF DURING YEAR		
		Assessed by regulatory commission	Expenses of Utility	Total		Name of utility department	Acct. No.	Amount
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1		$	$	$	$			$
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31	TOTAL . .							

CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES

1. Report the information specified below for all charges made during the year included in any account (including plant accounts) for outside consultative and other professional services, such as services concerning rate, management, construction, engineering, research, financial, valuation, legal, accounting, purchasing, advertising, labor relations, and public relations, rendered the respondent under written or oral arrangement, for which aggregate payments during the year to any corporation, partnership, organization of any kind, or individual (other than for services as an employee or for payments made for medical and related services) amounted to $5,000 in the case of a Class B company or $10,000 in the case of a Class A company, including payments for legislative services except those which should be reported in Account 426.4, Expenditures for Certain Civic, Political and Related Activities. For aggregate payments by Class A companies of less than $10,000 and in the amount of $600 or more and aggregate payments by Class B companies of less than $5,000 and in the amount of $600 or more to any one individual, group or partnership there shall be reported the name of the payee, the predominant nature of the services performed and the amount of payment.

(a) Name and address of person or organization rendering services;

(b) Description of services received during year and project or case to which services relate;

(c) Basis of charges;

(d) Total charges for the year detailing utility department and account charged;

2. For any such services which are of a continuing nature give date and term of contract and date of Commission authorization, if contract received Commission approval.

3. Designate associated companies.

DISTRIBUTION OF SALARIES AND WAGES

Report below the distribution of total salaries and wages for the year. Amounts originally charged to clearing accounts should be segregated as to *Utility Departments, Construction, Plant Removals, and Other Accounts*, and shown in the appropriate lines and spaces provided for such amounts on pages 355 and 356. In determining this segregation of salaries and wages originally charged to clearing accounts a method of approximation giving substantially correct results may be used.

Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll Charged Clearing Accounts (c)	Total (d)
1	ELECTRIC	$	$	$
2	Operation:			
3	Production			
4	Transmission			
5	Distribution			
6	Customer Accounts			
7	Sales			
8	Administrative and General			
9	Total Operation			
10	Maintenance:			
11	Production			
12	Transmission			
13	Distribution			
14	Customer Accounts			
15	Sales			
16	Administrative and General			
17	Total Maintenance			
18	Total Operation and Maintenance:			
19	Production			
20	Transmission			
21	Distribution			
22	Customer Accounts			
23	Sales			
24	Administrative and General			
25	Total Operation and Maintenance			
26	GAS			
27	Operation:			
28	Production—Manufactured Gas			
29	Production—Natural Gas (incl. Expl. and Dev.)			
30	Other Gas Supply			
31	Storage			
32	Transmission			
33	Distribution			
34	Customer Accounts			
35	Sales			
36	Administrative and General			
37	Total Operation			
38	Maintenance:			
39	Production—Manufactured Gas			
40	Production—Natural Gas			
41	Other Gas Supply			
42	Storage			
43	Transmission			
44	Distribution			
45	Customer Accounts			
46	Sales			
47	Administrative and General			
48	Total Maintenance			
49				
50				

Continued

DISTRIBUTION OF SALARIES AND WAGES (Continued)

Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll Charged Clearing Accts. (c)	Total (d)
	GAS (Continued)	$	$	$
51	Total Operation and Maintenance:			
52	Production—Manufactured Gas			
53	Production—Natural Gas (incl. Expl. and Dev.)			
54	Other Gas Supply			
55	Storage			
56	Transmission			
57	Distribution			
58	Customer Accounts			
59	Sales			
60	Administrative and General			
61	Total Operation and Maintenance			
62	WATER			
63	Operation:			
64	Source of Supply			
65	Pumping			
66	Treatment			
67	Transmission and Distribution			
68	Customer Accounts			
69	Sales			
70	Administrative and General			
71	Total Operation			
72	Maintenance:			
73	Source of Supply			
74	Pumping			
75	Treatment			
76	Transmission and Distribution			
77	Customer Accounts			
78	Sales			
79	Administrative and General			
80	Total Maintenance			
81	Total Operation and Maintenance:			
82	Source of Supply			
83	Pumping			
84	Treatment			
85	Transmission and Distribution			
86	Customer Accounts			
87	Sales			
88	Administrative and General			
89	Total Operation and Maintenance			
90	OTHER UTILITY DEPARTMENTS			
91	Operation and Maintenance			
92	Total All Utility Departments			
93	UTILITY PLANT			
94	Construction (by utility departments):			
95	Electric Plant			
96	Gas Plant			
97	Other			
98	Total Construction			
99	Plant Removal (by utility departments):			
100	Electric Plant			
101	Gas Plant			
102	Other			
103	Total Plant Removal			
104	Other Accounts			
105	TOTAL SALARIES AND WAGES			

ELECTRIC PLANT IN SERVICE

(In addition to Account 101, Electric Plant in Service (Classified), this schedule includes Account 102, Electric Plant Purchased or Sold, Account 103, Electric Plant in Process of Reclassification, and Account 106, Completed Construction Not Classified-Electric.)

1. Report below the original cost of electric plant in service according to prescribed accounts.

2. Do not include as adjustments, corrections of additions and retirements for the current or the preceding year. Such items should be included in column (c) or (d) as appropriate.

3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative effect of such amounts.

4. Reclassifications or transfers within utility plant accounts should be shown in column (f). Include also in column (f) the additions or reductions of primary account classifications arising from distribution of amounts initially recorded in Account 102, Electric Plant Purchased or Sold. In showing the clearance of Account 102, include in column (e) the amounts with respect to accumulated provision for depreciation, acquisition adjustments, etc., and show in column (f) only the offset to the debits or credits distributed in column (f) to primary account classifications.

Line No.	Account (a)	Balance beginning of year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance end of year (g)
1	1. INTANGIBLE PLANT	$	$	$	$	$	$
2	(301) Organization						
3	(302) Franchises and consents						
4	(303) Miscellaneous intangible plant						
5	Total intangible plant						
6	2. PRODUCTION PLANT						
7	STEAM PRODUCTION PLANT						
8	(310) Land and land rights						
9	(311) Structures and improvements						
10	(312) Boiler plant equipment						
11	(313) Eng's. and eng. driven generators						
12	(314) Turbogenerator units						
13	(315) Accessory electric equipment						
14	(316) Misc. power plant equipment						
15	Total steam production plant						
16	NUCLEAR PRODUCTION PLANT						
17	(320) Land and land rights						
18	(321) Structures and improvements						
19	(322) Reactor plant equipment						
20	(323) Turbogenerator units						
21	(324) Accessory electric equipment						
22	(325) Misc. power plant equipment						
23	Total nuclear production plant						
24	HYDRAULIC PRODUCTION PLANT						
25	(330) Land and land rights						
26	(331) Structures and improvements						
27	(332) Reservoirs, dams, and waterways						
28	(333) Wtr. whls., turb., and generators						
29	(334) Accessory electric equipment						
30	(335) Misc. power plant equipment						
31	(336) Roads, railroads, and bridges						
32	Total hydraulic production plant						

ELECTRIC PLANT IN SERVICE (Continued)

Line No.	Account (a)	Balance beginning of year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance end of year (g)
33	OTHER PRODUCTION PLANT	$	$	$	$	$	$
34	(340) Land and land rights						
35	(341) Structures and improvements						
36	(342) Fuel holders, prod., and access'rs						
37	(343) Prime movers						
38	(344) Generators						
39	(345) Accessory electric equipment						
40	(346) Misc. power plant equipment						
41	Total other prod. plant						
42	Total production plant						
43	3. TRANSMISSION PLANT						
44	(350) Land and land rights						
45	(352) Structures and improvements						
46	(353) Station equipment						
47	(354) Towers and fixtures						
48	(355) Poles and fixtures						
49	(356) Overhead conductors and devices						
50	(357) Underground conduit						
51	(358) Underground conductors and dev.						
52	(359) Roads and trails						
53	Total transmission plant						
54	4. DISTRIBUTION PLANT						
55	(360) Land and land rights						
56	(361) Structures and improvements						
57	(362) Station equipment						
58	(363) Storage battery equipment						
59	(364) Poles, towers, and fixtures						
60	(365) Overhead conductors and devices						
61	(366) Underground conduit						
62	(367) Underground conductors and dev.						
63	(368) Line transformers						
64	(369) Services						
65	(370) Meters						
66	(371) Installations on cust. premises						

67	(372) Leased property on cust. premises						
68	(373) Street lighting and signal systems						
69	Total distribution plant						
70	5. GENERAL PLANT						
71	(389) Land and land rights						
72	(390) Structures and improvements						
73	(391) Office furniture and equipment						
74	(392) Transportation equipment						
75	(393) Stores equipment						
76	(394) Tools, shop and garage equipment						
77	(395) Laboratory equipment						
78	(396) Power operated equipment						
79	(397) Communication equipment						
80	(398) Miscellaneous equipment						
81	Subtotal						
82	(399) Other tangible property *						
83	Total general plant						
84	Total (Accounts 101 and 106)					( )	( )
85	(102) Electric plant purchased **	( )					
86	(102) Electric plant sold **						
87	(103) Elec. plant in process of reclas. ***						
88	Total electric plant in service						

* State the nature and use of plant included in this account and if substantial in amount submit a supplementary schedule showing subaccount classification of such plant conforming to the requirements of this schedule.

** For each amount comprising the reported balance and changes in Account 102, state the property purchased or sold, name of vendor or purchaser, and date of transaction. If proposed journal entries have been filed with the Commission as required by the Uniform System of Accounts, give also date of such filing.

*** If any property is reported as "in process of reclassification" submit a supporting schedule showing amount of such property according to detail accounts in which classified.

Note: Completed Construction Not Classified, Account 106, shall be classified in this schedule according to prescribed accounts, on an estimated basis if necessary, and the entries included in column (c). Also to be included in column (c) are entries for reversals of tentative distributions of prior year reported in column (c). Likewise, if the respondent has a significant amount of plant retirements which have not been classified to primary accounts at the end of the year, a tentative distribution of such retirements, on an estimated basis with appropriate contra entry to the account for accumulated depreciation provision, shall be included in column (d). Include also in column (d) reversals of tentative distributions of prior year of unclassified retirements. Attach an insert page showing the account distributions of these tentative classifications in columns (c) and (d) including the reversals of the prior years tentative account distributions of these amounts. Careful observance of the above instructions and the texts of Accounts 101 and 106 will avoid serious omissions of the reported amount of respondent's plant actually in service at end of year.

FISH AND WILDLIFE AND RECREATION PLANTS (Subaccounts of 330, 331, 332 and 335)

1. Report below the original cost of fish and wildlife and recreation facilities included in hydraulic production plant, according to the texts of the prescribed accounts.
2. Do not include as adjustments in column (e) any corrections of additions and retirements for the current or the preceding year. Such items should be included in column (c) or (d) as appropriate.
3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative effect of such amounts.
4. Reclassifications or transfers within utility plant accounts should be shown in column (f).

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance End of Year (g)
1	330 Land and land rights:	$	$	$	$	$	$
2	Fish and wildlife						
3	Recreation						
4	Total						
5							
6	331 Structures and improvements:						
7	Fish and wildlife						
8	Recreation						
9	Total						
10							
11	332 Reservoirs, dams and waterways:						
12	Fish and wildlife						
13	Recreation						
14	Total						
15	335 Miscellaneous power plant equipment:						
16							
17	Fish and wildlife						
18	Recreation						
19	Total						
20	Total fish and wildlife and recreation plant						
21							

ELECTRIC PLANT LEASED TO OTHERS (Account 104)

1. Report below the information called for concerning electric plant leased to others.
2. In column (c) give the date of Commission authorization of the lease of electric plant to others.

Line No.	Name of lessee (Designate associated companies) (a)	Description of property leased (b)	Comm. authorization (c)	Expiration date of lease (d)	Balance end of year (e)
1					$
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
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30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47				TOTAL	

ELECTRIC PLANT HELD FOR FUTURE USE (Account 105)

1. Report separately each property held for future use at end of the year having an original cost of $100,000 or more. Other items of property held for future use may be grouped provided that the number of properties so grouped is indicated.

2. For property having an original cost of $100,000 or more previously used in utility operations, now held for future use, give, in addition to other required information, the date that utility use of such property was discontinued, and the date the original cost was transferred to Account 105.

Line No.	Description and Location of Property (a)	Date Originally Included in This Account (b)	Date Expected to be used in Utility Service (c)	Balance end of Year (d)
				$
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
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41				
42				
43				
44				
45				
46				
47				
48	TOTAL - -	▨	▨	

CONSTRUCTION WORK IN PROGRESS AND COMPLETED CONSTRUCTION NOT CLASSIFIED—ELECTRIC
(Accounts 107 and 106)

1. Report below descriptions and balances at end of year of projects in process of construction and completed construction not classified for projects actually in service. For any substantial amounts of completed construction not classified for plant actually in service explain the circumstances which have prevented final classification of such amounts to prescribed primary accounts for plant in service.

2. The information specified by this schedule for Account 106, Completed Construction Not Classified—Electric, shall be furnished even though this account is included in the schedule, Electric Plant in Service, pages 401–403, according to a tentative classification by primary accounts.

3. Minor projects may be grouped.

Line No.	Description of Project (a)	Construction Work in Progress—Electric (Account 107) (b)	Completed Construction Not Classified—Electric (Account 106) (c)	Estimated Additional Cost of Project (d)
1		$	$	$
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
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39				
40				
41				
42	TOTAL . .			

ELECTRIC PLANT ACQUISITION ADJUSTMENTS and ACCUMULATED PROVISION FOR AMORTIZATION OF ELECTRIC PLANT ACQUISITION ADJUSTMENTS (Accounts 114, 115) (Former Accounts 100.5, 252)

1. Report the balances at beginning and end of year and changes during the year for Electric Plant Acquisition Adjustments, Account 114, and Accumulated Provision for Amortization of Electric Plant Acquisition Adjustments, Account 115.

2. Explain each debit and credit during the year, give reference to any Commission orders or other authorizations concerning such amounts, and show contra account debited or credited.

3. For acquisition adjustments arising during the year state the name of the company from which the property was acquired, date of transaction, and date journal entries clearing Account 102, Electric Plant Purchased or Sold were accepted for filing by the Commission.

4. Credits to Account 114 and debits to Account 115 should be enclosed in parentheses.

5. In the blank space at the bottom of the schedule explain the plan of disposition of acquisition adjustments. Give also, date the Commission authorized use of Account 115, Accumulated Provision for Amortization of Electric Plant Acquisition Adjustments or former account 252.

Line No.	Item (a)	Contra Account (b)	Acquisition Adjustments (Acct. 114) (c)	Accumulated Provision for Amortization (Acct. 115) (d)
1	Balance beginning of year		$	$
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
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21				
22				
23				
24				
25				
26				
27				
28				
29	Balance end of year			

ACCUMULATED PROVISIONS FOR DEPRECIATION OF ELECTRIC PLANT (Accounts 108, 109, 110)

1. Report below the information called for concerning accumulated provisions for depreciation of electric plant at end of year and changes during year.

2. Explain any important adjustments during year.

3. Explain any difference between the amount for book cost of plant retired, line..., column (c), and that reported in the schedule for electric plant in service, pages 401-403, column (d) exclusive of retirements of nondepreciable property.

4. The provisions of accounts 108, 109 and 110 of the Uniform System of Accounts contemplate that retirements of depreciable plant be recorded when such plant is removed from service. There also shall be included in this schedule the amounts of plant retired, removal expenses, and salvage on an estimated basis if necessary with respect to any significant amount of plant actually retired from service but for which appropriate entries have not been made to the accumulated provisions for depreciation accounts. The inclusion of these amounts in this schedule shall be made even though it involves a journal entry in the books of account as of the end of the year recorded subsequent to closing of respondent's books. See also the note to the schedule for electric plant in service, page 403.

5. Show separately interest credits under a sinking fund or similar method of depreciation accounting.

6. In section B show the amounts applicable to prescribed functional classifications.

A. Balances and Changes During Year

Line No.	Item (a)	Total (b)	Electric plant in Service (Account 108) (c)	Electric plant leased to others (Account 109) (d)	Electric plant held for future use (Account 110) (e)
		$	$	$	$
1	Balance beginning of year				
2	Depreciation provisions for year, charged to:				
3	(403) Depreciation expense				
4	(413) Expenses of electric plant leased to others				
5	Transportation expenses-clearing				
6	Other clearing accounts				
7	Other accounts (specify):				
8					
9	Total Depreciation Provisions for year				
10	Net charges for plant retired:				
11	Book cost of plant retired				
12	Cost of removal				
13	Salvage (credit)				
14	Net charges for plant retired				
15	Other debit or credit items (describe):				
16					
17	BALANCE END OF YEAR				

B. Balances at End of Year According to Functional Classifications

Line No.	Item (a)	Total (b)	Electric plant in Service (Account 108) (c)	Electric plant leased to others (Account 109) (d)	Electric plant held for future use (Account 110) (e)
18	Steam production				
19	Nuclear production				
20	Hydraulic production—Conventional				
21	Hydraulic production—Pumped Storage				
22	Other production				
23	Transmission				
24	Distribution				
25	General				
26	TOTAL				

Rev (10-67)

ELECTRIC OPERATING REVENUES (Account 400)

1. Report below the amount of operating revenue for the year for each prescribed account and the amount of increase or decrease over the preceding year.

2. If increases and decreases are not derived from previously reported figures explain any inconsistencies.

3. Number of customers should be reported on the basis of number of meters, plus number of flat rate accounts, except that where separate meter readings are added for billing purposes, one customer shall be counted for each group of meters so added. The average number of customers means the average of the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services, such as water heating, etc., indicate in a footnote the number of such duplicate customers included in the classification.

4. Unmetered sales should be included below. The details of such sales should be given in a footnote.

5. Classification of Commercial and Industrial Sales, Account 442, according to Small (or Commercial) and Large (or Industrial) may be according to the basis of classification regularly used by the respondent if such basis of classification is not greater generally than 1000 Kw of demand. See Account 442 of the Uniform System of Accounts. Explain basis of classification.

Line No.	Account (a)	OPERATING REVENUES		KILOWATT-HOURS SOLD		AVERAGE NUMBER OF CUSTOMERS PER MONTH	
		Amount for year (b)	Increase or decrease from preceding year (c)	Amount for year (d)	Increase or decrease from preceding year (e)	Number for year (f)	Increase or decrease from preceding year (g)
1	SALES OF ELECTRICITY	$	$				
2	440 Residential sales						
3	442 Commercial and industrial sales:						
4	Small (or commercial) see instr. 5						
5	Large (or industrial) see instr. 5						
6	444 Public street and highway lighting						
7	445 Other sales to public authorities						
8	446 Sales to railroads and railways						
9	448 Interdepartmental sales						
10	Total sales to ultimate consumers						
11	447 Sales for resale						
12	Total sales of electricity						
13	OTHER OPERATING REVENUES						
14	450 Forfeited discounts						
15	451 Miscellaneous service revenues						
16	453 Sales of water and water power						
17	454 Rent from electric property						
18	455 Interdepartmental rents						
19	456 Other electric revenues						
20							
21							
22							
23							
24	Total other operating revenues						
25	Total electric operating revenues						

List here the total number of "All Electric" customers (estimated where not known)(not subject to audit certification):

(See page 108 Important Changes During the Year, for important new territory added and important rate increases or decreases)

SALES OF ELECTRICITY—BY COMMUNITIES

1. Report below the information called for concerning sales of electricity in each community of 10,000 population or more, or according to operating districts or divisions constituting distinct economic areas if the respondent's records do not readily permit reporting by communities. If reporting is not by communities, the territory embraced within the reported area shall be indicated. Except for state boundaries, community areas need not hold rigidly to political boundaries and may embrace a metropolitan area and immediate environs. The information called for by this schedule, however, may be reported by individual communities of such size as required by a state regulatory commission concerned.

Line No.	Community	RESIDENTIAL SALES (Account 440)			COMMERCIAL AND INDUSTRIAL SALES (Account 442)		
		Operating revenues (b)	Kilowatt-hours sold (c)	Av. No. of cust. per month (d)	Operating revenues (e)	Kilowatt-hours sold (f)	Av. No. of cust. per month (g)
	(a)						
1		$			$		
2							
3							
4							
5							
6							
7							
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SALES OF ELECTRICITY—BY COMMUNITIES (Continued)

2. The information to be shown below should be on the same basis as provided in Schedule entitled "Electric Operating Revenues," page 409.

3. Provide a subheading for sales in each State, also a total for each State of sales not required by this schedule to be reported for each community.

4. The totals for Accounts 440, 442, 444, and 445 should agree with the amounts for those accounts shown in Schedule entitled "Electric Operating Revenues."

PUBLIC STREET AND HIGHWAY LIGHTING (Account 444)			OTHER SALES TO PUBLIC AUTHORITIES (Account 445)			TOTAL			
Operating revenues (h)	Kilowatt-hours sold (i)	Av. No. cust. per month (j)	Operating revenues (k)	Kilowatt-hours sold (l)	Av. No. cust. per month (m)	Operating revenues (n)	Kilowatt-hours sold (o)	Av. No. of cust. per month (p)	Line No.
$			$			$			1
									2
									3
									4
									5
									6
									7
									8
									9
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									11
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SALES FOR RESALE (Account 447)

1. Report sales during year to other electric utilities and to cities or other public authorities for distribution to ultimate consumers.

2. Provide subheadings and classify sales as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Municipalities, (4) Cooperatives, and (5) Other Public Authorities. *For each sale designate statistical classification* in column (b) thus: FP, for firm power supplying total system requirements of customer or total requirements at a specific point of delivery; FP(C), for firm power supplying total system requirements of customer or total requirements at a specific point of delivery with credit allowed customer for available standby; FP(P), for firm power supplementing customer's own generation or other purchases; DP, for dump power; O, for other. Place an "x" in column (c) if sale involves export across a state line. Group together sales coded "x" in column (c) by state (or county) of origin, providing a subtotal for each state (or county) of delivery in columns (l) and (p), suitably identified in column (e).

3. Report separately firm, dump, and other power sold to the same utility. Describe the nature of any sales classified as Other Power, column (b).

4. If delivery is made at a substation indicate ownership in column (f), thus: respondent owned or leased, RS; customer owned or leased, CS.

Line No.	Sales to (a)	Statistical Classification (b)	Export across State lines (c)	F. P. C. Rate Schedule No. (d)	Point of Delivery (e)	Substation (f)	Kw or Kva of Demand (Specify which)		
							Contract demand (g)	Average monthly maximum demand (h)	Annual maximum demand (i)
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
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SALES FOR RESALE (Account 447) (Continued)

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billings to the customer this number should be shown in column (g). The number of kilowatts of maximum demand to be shown in column (h) and (i) should be actual based on monthly readings and should be furnished whether or not used in the determination of demand charges. Show in column (j) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).

6. The number of kilowatt-hours sold should be the quantities shown by the bills rendered to the purchasers.

7. Explain any amounts entered in column (o) such as fuel or other adjustments.

8. If a contract covers several points of delivery and small amounts of electric energy are delivered at each point, such sales may be grouped.

Type of demand reading	Voltage at which delivered	Kilowatt-hours	REVENUE				Revenue per kwh	Line No.
			Demand Charges	Energy	Other Charges	Total		
(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	
			$	$	$	$	Cents	
								1
								2
								3
								4
								5
								6
								7
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								44

SALES OF ELECTRICITY BY RATE SCHEDULES

1. Report below for each rate schedule in effect during the year the Kwh of electricity sold, revenue, average number of customers, average Kwh per customer, and average revenue per Kwh.

2. Provide a subheading and total for each prescribed operating revenue account in the sequence followed in Schedule entitled "Electric Operating Revenues," page 409. If the sales under any rate schedule are classified in more than one revenue account list the rate schedule and sales data under each applicable revenue account subheading.

3. Where the same customers are served under more than one rate schedule in the same revenue account classification (such as a general residential schedule and an off peak water heating schedule), the entries in column (d) for the special schedule should denote the duplication in number of reported customers.

4. The average number of customers should be the number of bills rendered during the year divided by the number of billing periods during the year (12 if all billings are made monthly).

5. For any rate schedule having a fuel adjustment clause state in a footnote the estimated additional revenue billed pursuant thereto.

Line No.	Number and Title of Rate Schedule (a)	Kwh Sold (b)	Revenue (c)	Average Number of Customers (d)	Kwh of Sales per Customer (e)	Revenue per Kwh Sold (f)
			$			Cents
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
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SALES TO RAILROADS AND RAILWAYS AND INTERDEPARTMENTAL SALES (Accounts 446, 448)

1. Report particulars concerning sales included in Accounts 446 and 448.

2. For Sales to Railroads and Railways, Account 446, give name of railroad or railway in addition to other required information. If contract covers several points of delivery and small amounts of electricity are delivered at each point, such sales may be grouped.

3. For Interdepartmental Sales, Account 448, give name of other department and basis of charge to other department in addition to other required information.

4. Designate associated companies.

5. Provide subheading and total for each account.

Line No.	Item (a)	Point of delivery (b)	Kilowatt-hours (c)	Revenue (d)	Revenue per kwh (e)
				$	Cents
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
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15					
16					
17					
18					
19					
20					

RENT FROM ELECTRIC PROPERTY AND INTERDEPARTMENTAL RENTS (Accounts 454, 455)

1. Report particulars concerning rents received included in Accounts 454 and 455.

2. Minor rents may be grouped by classes.

3. If rents are included which were arrived at under an arrangement for apportioning expenses of a joint facility, whereby the amount included in this account represents profit or return on property, depreciation, and taxes, give particulars and the basis of apportionment of such charges to Account 454 or 455.

4. Designate if lessee is an associated company.

5. Provide a subheading and total for each account.

Line No.	Name of Lessee or Department (a)	Description of property (b)	Amount of revenue for year (c)
			$
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
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50			

Annual report of   Year ended December 31, 19

SALES OF WATER AND WATER POWER (Account 453)

1. Report below the information called for concerning revenues derived during the year from sales to others of water or water power.

2. In column (c) show the name of the power development of the respondent supplying the water or water power sold.

3. Designate associated companies.

Line No.	Name of purchaser (a)	Purpose for which water was used (b)	Power plant development supplying water or water power (c)	Amount of revenue for year (d)
1				$
2				
3				
4				
5				
6				
7				
8				
9				
10		TOTAL		

MISCELLANEOUS SERVICE REVENUES AND OTHER ELECTRIC REVENUES (Accounts 451, 456)

1. Report particulars concerning miscellaneous service revenues and other electric revenues derived from electric utility operations during year. Report separately in this schedule the total revenues from operation of fish and wildlife and recreation facilities, regardless of whether such facilities are operated by company or by contract concessionaires. Provide a subheading for each account.

2. Designate associated companies.

3. Minor items may be grouped by classes.

Line No.	Name of company and description of service (a)	Amount of revenue for year (b)
11		$
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
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39		
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42		
43		
44		
45	TOTAL	

Rev. (4-67)

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

1. Enter in the space provided the operation and maintenance expenses for the year.

2. If the increases and decreases are not derived from previously reported figures explain in footnotes.

Line No.	Account (a)	Amount for year (b)	Increase or decrease from preceding year (c)
1	POWER PRODUCTION EXPENSES	$	$
2	Steam Power Generation		
3	*Operation*		
4	500 Operation supervision and engineering		
5	501 Fuel		
6	502 Steam expenses		
7	503 Steam from other sources		
8	504 Steam transferred—Cr.	( )	
9	505 Electric expenses		
10	506 Miscellaneous steam power expenses		
11	507 Rents		
12	Total operation		
13	*Maintenance*		
14	510 Maintenance supervision and engineering		
15	511 Maintenance of structures		
16	512 Maintenance of boiler plant		
17	513 Maintenance of electric plant		
18	514 Maintenance of miscellaneous steam plant		
19	Total maintenance		
20	Total power production expenses—steam power		
21	Nuclear Power Generation		
22	*Operation*		
23	517 Operation supervision and engineering		
24	518 Fuel		
25	519 Coolants and water		
26	520 Steam expenses		
27	521 Steam from other sources		
28	522 Steam transferred—Cr.	( )	
29	523 Electric expenses		
30	524 Miscellaneous nuclear power expenses		
31	525 Rents		
32	Total operation		
33	*Maintenance*		
34	528 Maintenance supervision and engineering		
35	529 Maintenance of structures		
36	530 Maintenance of reactor plant equipment		
37	531 Maintenance of electric plant		
38	532 Maintenance of miscellaneous nuclear plant		
39	Total maintenance		
40	Total power production expenses—nuclear power		
41	Hydraulic Power Generation		
42	*Operation*		
43	535 Operation supervision and engineering		
44	536 Water for power		
45	537 Hydraulic expenses		
46	538 Electric expenses		
47	539 Miscellaneous hydraulic power generation expenses		
48	540 Rents		
49	Total operation		
50	*Maintenance*		
51	541 Maintenance supervision and engineering		
52	542 Maintenance of structures		

ELECTRIC OPERATION AND MAINTENANCE EXPENSES (Continued)

Line No.	Account (a)	Amount for year (b)	Increase or decrease from preceding year (c)
1	HYDRAULIC POWER GENERATION (Continued)	$	$
2	543 Maintenance of reservoirs, dams and waterways		
3	544 Maintenance of electric plant		
4	545 Maintenance of miscellaneous hydraulic plant		
5	Total maintenance		
6	Total power production expenses—hydraulic power		
7	OTHER POWER GENERATION		
8	*Operation*		
9	546 Operation supervision and engineering		
10	547 Fuel		
11	548 Generation expenses		
12	549 Miscellaneous other power generation expenses		
13	550 Rents		
14	Total operation		
15	*Maintenance*		
16	551 Maintenance supervision and engineering		
17	552 Maintenance of structures		
18	553 Maintenance of generating and electric plant		
19	554 Maintenance of miscellaneous other power generation plant		
20	Total maintenance		
21	Total power production expenses—other power		
22	OTHER POWER SUPPLY EXPENSES		
23	555 Purchased power		
24	556 System control and load dispatching		
25	557 Other expenses		
26	Total other power supply expenses		
27	Total power production expenses		
28	TRANSMISSION EXPENSES		
29	*Operation*		
30	560 Operation supervision and engineering		
31	561 Load dispatching		
32	562 Station expenses		
33	563 Overhead line expenses		
34	564 Underground line expenses		
35	565 Transmission of electricity by others		
36	566 Miscellaneous transmission expenses		
37	567 Rents		
38	Total operation		
39	*Maintenance*		
40	568 Maintenance supervision and engineering		
41	569 Maintenance of structures		
42	570 Maintenance of station equipment		
43	571 Maintenance of overhead lines		
44	572 Maintenance of underground lines		
45	573 Maintenance of miscellaneous transmission plant		
46	Total maintenance		
47	Total transmission expenses		
48	DISTRIBUTION EXPENSES		
49	*Operation*		
50	580 Operation supervision and engineering		
51	581 Load dispatching		
52	582 Station expenses		
53	583 Overhead line expenses		
54	584 Underground line expenses		
55	585 Street lighting and signal system expenses		

Annual report of

Year ended December 31, 19

ELECTRIC OPERATION AND MAINTENANCE EXPENSES (Continued)

Line No.	Account (a)	Amount for year (b)	Increase or decrease from preceding year (c)
1	DISTRIBUTION EXPENSES (Continued)	$	$
2	586 Meter expenses		
3	587 Customer installations expenses		
4	588 Miscellaneous distribution expenses		
5	589 Rents		
6	Total operation		
7	*Maintenance*		
8	590 Maintenance supervision and engineering		
9	591 Maintenance of structures		
10	592 Maintenance of station equipment		
11	593 Maintenance of overhead lines		
12	594 Maintenance of underground lines		
13	595 Maintenance of line transformers		
14	596 Maintenance of street lighting and signal systems		
15	597 Maintenance of meters		
16	598 Maintenance of miscellaneous distribution plant		
17	Total maintenance		
18	Total distribution expenses		
19	CUSTOMER ACCOUNTS EXPENSES		
20	*Operation*		
21	901 Supervision		
22	902 Meter reading expenses		
23	903 Customer records and collection expenses		
24	904 Uncollectible accounts		
25	905 Miscellaneous customer accounts expenses		
26	Total customer accounts expenses		
27	SALES EXPENSES		
28	*Operation*		
29	911 Supervision		
30	912 Demonstrating and selling expenses		
31	913 Advertising expenses		
32	914 Revenues from merchandising, jobbing and contract work	( )	
33	915 Cost and expenses of merchandising, jobbing and contract work		
34	916 Miscellaneous sales expenses		
35	Total sales expenses		
36	ADMINISTRATIVE AND GENERAL EXPENSES		
37	*Operation*		
38	920 Administrative and general salaries		
39	921 Office supplies and expenses		
40	922 Administrative expenses transferred—Cr.	( )	
41	923 Outside services employed		
42	924 Property insurance		
43	925 Injuries and damages		
44	926 Employee pensions and benefits		
45	927 Franchise requirements		
46	928 Regulatory commission expenses		
47	929 Duplicate charges—Cr.	( )	
48	930 Miscellaneous general expenses		
49	931 Rents		
50	Total operation		
51	*Maintenance*		
52	932 Maintenance of general plant		
53	Total administrative and general expenses		
54	Total Electric Operation and Maintenance Expenses		

ELECTRIC OPERATION AND MAINTENANCE EXPENSES (Continued)

SUMMARY OF ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
1	Power Production Expenses	$	$	$
2	Electric Generation:			
3	Steam power			
4	Nuclear power			
5	Hydraulic—Conventional			
6	Hydraulic—Pumped Storage			
7	Other power			
8	Other power supply expenses			
9	Total power production expenses			
10	Transmission Expenses			
11	Distribution Expenses			
12	Customer Accounts Expenses			
13	Sales Expenses			
14	Adm. and General Expenses			
15	Total Electric Operation and Maintenance Expenses			

NUMBER OF ELECTRIC DEPARTMENT EMPLOYEES

Number of electric department employees, payroll period ended ____________

1. Total regular full-time employees .... ____________
2. Total part-time and temporary employees .... ____________

3. Total employees .... ____________

The data on number of employees should be reported for the payroll period ending nearest to October 31, or any payroll period ending 60 days before or after October 31.

If the respondent's payrolls for the reported period include any special construction forces include such employees as part-time and temporary employees and show the number of such special construction employees so included.

The number of employees assignable to the electric department from joint functions of combination utilities may be determined by estimate, on the basis of employee equivalents. Show the estimated number of equivalent employees attributed to the electric department from joint functions.

Annual report of   Year ended December 31, 19

OPERATION AND MAINTENANCE EXPENSES OF FISH AND WILDLIFE AND RECREATION OPERATIONS

(Subaccounts of 537 and 545)

Report in this schedule the expenses in connection with the operation and maintenance of fish and wildlife and recreation facilities. Report by subaccounts the expenses required by the texts of Accounts 537, Hydraulic Expenses, and 545, Maintenance of Miscellaneous Hydraulic Plant. Include amounts whether facilities are operated by company or by contract concessionaires.

Line No.	Account (a)	Amount for year (b)	Increase or decrease from preceding year (c)
1	Subaccounts of 537, Hyddraulic Expenses:	$	$
2	Fish and wildlife		
3	Recreation		
4	Total		
5			
6			
7			
8	Subaccounts of 545, Maintenance of Miscellaneous Hydraulic Plant:		
9	Fish and wildlife		
10	Recreation		
11	Total		
12			
13			
14			
15	Total fish and wildlife and recreation expenses		

Annual report of Year ended December 31, 19

RENTS CHARGED

1. Report name of lessor, description of property, account charged, and amount of rent for each annual rent of $25,000 or more charged during the year. Exclude all accounts in connection with Construction Work in Progress.

2. An annual rent of $25,000 or more is inclusive of other payments to or on behalf of the lessor such as taxes, depreciation, assumed interest or dividends on lessor's securities, cost of property replacements,* and other expenditures with respect to the leased property in addition to a stipulated rent but excepting the expense of operating and maintaining the leased property.

3. Give particulars of any rent charges which represent other than stipulated periodical cash payments for rent.

4. Explain the basis of any approtionment of rents to more than one department or account.

5. For each leasing arrangement for a generating station, a transmission line, distribution system, large substation, or other operating unit or system, explain succinctly the rental arrangement, the basis on which any charges are apportioned between lessor and lessee, and the responsibility of the respondent for operation and maintenance expenses and replacements of property, etc.

6. Designate any lessors which are associated companies.

A. Rents Charged to Electric Operating Expenses.

Line No.	Name of lessor (a)	Description of property (b)	Account charged (c)	Amount of rent for year (d)
1				$
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25			TOTAL ..	

B. Other Rents Charged (such as charges to Deferred Debits, etc.)

Line No.	Name of lessor (a)	Description of property (b)	Account charged (c)	Amount of rent for year (d)
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39			TOTAL ..	

* See Electric Plant Accounts Instruction 6 and Operating Expense Instructions 3 of the Uniform System of Accounts.

PURCHASED POWER (Account 555)
(Except interchange power)

1. Report power purchased for resale during the year. Exclude from this schedule and report on page 424 particulars concerning interchange power transactions during the year.

2. Provide subheadings and classify purchases as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) Cooperatives, and (7) Other Public Authorities. For each purchase designate statistical classification in column (b), thus: firm power, FP; dump or surplus power, DP; other, O, and place an "x" in column (c) if purchase involves import across a state line.

3. Report separately firm, dump, and other power purchased from the same company. Describe the nature of any purchases classified as Other Power, column (b).

Line No.	Purchased From (a)	Statistical Classification (b)	Import across State Lines (c)	F. P. C. Rate Schedule No. of Seller (d)	Point of Receipt (e)	Substation (f)	Kw or Kva of Demand (Specify which)		
							Contract demand (g)	Average monthly maximum demand (h)	Annual maximum demand (i)
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
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28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									

PURCHASED POWER (Account 555) (Continued)
(Except interchange power)

4. If receipt of power is at a substation indicate ownership in column (f), thus: respondent owned or leased, RS; seller owned or leased, SS.

5. If a fixed number of kilowatts of maximum demand is specified in the power contract as a basis of billing, this number should be shown in column (g). The number of kilowatts of maximum demand to be shown in columns (h) and (i) should be actual based on monthly readings and should be furnished whether or not used in the determination of demand charges. Show in column (j) type of demand reading (instantaneous, 15, 30, or 60 minutes integrated).

6. The number of kilowatt hours purchased should be the quantities shown by the power bills.

7. Explain any amount entered in column (o) such as fuel or other adjustments.

Type of demand reading (j)	Voltage at which received (k)	Kilowatt-hours (l)	COST OF ENERGY				Cost per kwh (q)	Line No
			Demand Charges (m)	Energy Charges (n)	Other Charges (o)	Total (p)		
			$	$	$	$	cents	
								1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
								13
								14
								15
								16
								17
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								31
								32
								33
								34
								35
								36
								37
								38
								39
								40
								41
								42
								43
								44
								45

INTERCHANGE POWER (Included in Account 555)

1. Report below all of the kilowatt-hours received and delivered during the year. For receipts and deliveries under interchange power agreements, show the net charge or credit resulting therefrom.

2. Provide subheadings and classify interchanges as to (1) Associated Utilities, (2) Nonassociated Utilities, (3) Associated Nonutilities, (4) Other Nonutilities, (5) Municipalities, (6) Cooperatives, and (7) Other Public Authorities. For each interchange across a state line place an "X" in column (b).

3. Particulars of settlements for interchange power shall be furnished in a footnote or supplemental schedule which includes the name of each company, the nature of the transaction, and the dollar amounts involved. If settlement for any transaction also includes credit or debit amounts other than for increment generation expenses, show such other component amounts separately, in addition to debit or credit for increment generation expenses, and give a brief explanation of the factors and principles under which such other component amounts were determined. If such settlement represents the net of debits and credits under an interconnection, power pooling, coordination, or other such arrangement, submit a copy of the annual summary of transactions and billings among the parties to the agreement. If the amount of settlement reported in this schedule for any transaction does not represent all of the charges and credits covered by the agreement, furnish in a footnote a description of the other debits and credits and state the amounts and accounts in which such other amounts are included for the year.

Summary of Interchange According to Companies and Points of Interchange

Line No.	Name of company (a)	Interchanges across State lines (b)	FPC Rate Schedule Number (c)	Point of interchange (d)	Voltage at which interchanged (e)	KILOWATT-HOURS Received (f)	KILOWATT-HOURS Delivered (g)	KILOWATT-HOURS Net difference (h)	Amount of settlement (i)
1									$
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									

TRANSMISSION OF ELECTRICITY FOR OR BY OTHERS (Accounts 456 and 565)
(Including transactions sometimes referred to as "wheeling")

1. Describe below and give particulars of any transactions by respondent during the year for transmission of electricity for or by others during year, including transactions sometimes referred to as wheeling.

2. Provide separate subheadings for: (a) Transmission of Electricity for Others (included in Account 456) and (b) Transmission of Electricity by Others (Account 565).

3. Furnish the following information in the space below concerning each transaction:

   (a) Name of company and description of service rendered or received. Designate associated companies.

   (b) Points of origin and termination of service specifying also any transformation service involved.

   (c) Kwh received and Kwh delivered.

   (d) Monetary settlement received or paid and basis of settlement, included in Account 456 or 565.

   (e) Nonmonetary settlement, if any, specifying the Kwh representing compensation for the service, specifying whether such power was firm power, dump or other power, and state basis of settlement. If nonmonetary settlement was other than Kwh describe the nature of such settlement and basis of determination.

   (f) Other explanations which may be necessary to indicate the nature of the reported transactions. Include in such explanations a statement of any material services remaining to be received or furnished at end of year and the accounting recorded to avoid a possible material distortion of reported operating income for the year.

FRANCHISE REQUIREMENTS (Account 927) (Electric)

1. Report below cash payments of $25,000 or more to municipal or other governmental authorities, and the cost of electricity, materials, supplies, and other items furnished such authorities during the year without reimbursement in compliance with franchise, ordinance, or similar requirements. For amounts less than $25,000 the payments may be grouped provided the number of payments so grouped is shown.

2. Give the basis of amounts entered in columns (c) and (d) for electricity supplied without charge.

Line No	Name of Municipality or other governmental authority (a)	Cash Outlays (b)	Electricity supplied without charge		Other items furnished without charge (e)	Total (f)
			Kwh (c)	Amount (d)		
1		$		$	$	$
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
26						
27						
28						
29	TOTAL . .					
30						

MISCELLANEOUS GENERAL EXPENSES (Account 930) (Electric)

Report below the information called for concerning items included in miscellaneous general expenses.

Line No.	Description of Item (a)	Amount (b)
1	Industry association dues	$
2	Nuclear power research expenses	
3	Other experimental and general research expenses	
4	Publishing and distributing information and reports to stockholders; trustee, registrar, and transfer	
5	agent fees and expenses, and other expenses of servicing outstanding securities of the respondent	
6	National and local institutional advertising expenses	
7	Other expenses (items of $100 or more are to be listed separately showing the purpose, recipient,	
8	and the amount of such items. Amounts of less than $100 may be grouped by classes if the	
9	number of items so grouped is shown)	
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26	TOTAL	

CONSTRUCTION OVERHEADS—ELECTRIC

1. Report below the information called for concerning construction overheads for the year.
2. List in column (a) the kinds of overheads according to the titles used by the respondent. Charges for outside professional services for engineering fees and management or supervision fees capitalized should be shown as separate items.
3. On the lower section of this schedule furnish the requested explanatory information concerning construction overheads.
4. A respondent should not report "none" to this schedule if no overhead apportionments are made, but rather should explain on the lower section of this schedule that only such engineering, supervision and administrative costs, etc., which are directly chargeable to construction are charged to construction, if this is the case. Engineering, supervision, administrative, and interest costs, etc., which are first assigned to a blanket work order and then prorated to construction jobs shall be considered overheads for the purposes of formulating a response to this schedule.

Line No.	Name of overhead (a)	Total overheads cleared to construction (b)	Cost of construction to which overheads were charged (exclusive of overhead charges) (c)	Percent overheads to construction cost (d)
		$	$	%
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14	TOTAL			

GENERAL DESCRIPTION OF CONSTRUCTION OVERHEAD PROCEDURE

1. For each construction overhead for electric plant, explain (a) nature of the engineering, supervisory, or administrative work, etc., the overhead charges are intended to cover, (b) the general procedure for determining the amount capitalized, (c) the method of distribution to construction jobs, (d) percentages applied to different types of construction, (e) basis of differentiation in percentages for different types of construction, and (f) amounts capitalized for each overhead for the year for which this report is submitted.

2. In addition to other information concerning engineering and superintendence or other such overheads, explain whether the amounts treated as overheads include all engineering and superintendence costs or only such portions as are not directly chargeable to specific jobs.

3. For interest during construction state the interest rate used, the basic charges to which applied, in addition to the amounts capitalized for the year for which this report is submitted.

DEPRECIATION AND AMORTIZATION OF ELECTRIC PLANT (Accounts 403, 404)

(Except Amortization of Acquisition Adjustments)

1. Report in section A the amounts of depreciation expense (account 403) and amortization of limited-term electric plant (account 404) for the year, classified according to plant functional classifications.

2. In section B state the rules by which the respondent determined the amounts of charges for depreciation and amortization of electric plant. Show the rates used in computing the depreciation and amortization charges for the year, and state if any change has been made in the rates used or methods of determining depreciation and amortization charges from those used for the preceding year.

A. Summary of Depreciation and Amortization Charges

Line No	Functional classification (a)	Depreciation Expense (Account 403) (b)	Amortization of limited term electric plant (Account 404) (c)	Total depreciation and amortization (d)
		$	$	$
1	Steam production plant			
2	Nuclear production plant			
3	Hydraulic production plant--Conventional			
4	Hydraulic production plant--Pumped Storage			
5	Other production plant			
6	Transmission plant			
7	Distribution plant			
8	General plant			
9				
10	TOTAL			

B. Method of Determination of Depreciation and Amortization Charges

DEPRECIATION AND AMORTIZATION OF ELECTRIC PLANT (Continued)

B. Method of Determination of Depreciation and Amortization Charges (Continued)

ELECTRIC ENERGY ACCOUNT

Report below the information called for concerning the disposition of electric energy generated, purchased, and interchanged during the year

Line No.	Item (a)		Kilowatt hours (b)
1	SOURCES OF ENERGY		
2	Generation (excluding station use):		
3	Steam		
4	Nuclear		
5	Hydro—conventional		
6	Hydro—pumped storage		
7	Other		( )
8	Less energy for pumping		
9	Net generation		
10	Purchases		
11		In (gross) .... Kwh	
12	Interchanges	Out (gross) .... Kwh	
13		Net	
14		Received .... Kwh	
15	Transmission for/by others (wheeling)	Delivered .... Kwh	
16		Net	
17	Total		
18	DISPOSITION OF ENERGY		
19	Sales to ultimate consumers (including interdepartmental sales)		
20	Sales for resale		
21	Energy furnished without charge		
22	Energy used by the company (excluding station use):		
23	Electric department only		
24	Energy losses:		
25	Transmission and conversion losses		
26	Distribution losses		
27	Unaccounted for losses		
28	Total energy losses		
29	Energy losses as percent of total on line 17 ....%		
30	TOTAL		

MONTHLY PEAKS AND OUTPUT

1. Report hereunder the information called for pertaining to simultaneous peaks established monthly (in kilowatts) and monthly output (in kilowatt-hours) for the combined sources of electric energy of respondent.
2. Monthly peak col. (b) should be respondent's maximum kw. load as measured by the sum of its coincidental net generation and purchases plus or minus net interchange, minus temporary deliveries (not interchange) of emergency power to another system. Monthly peak *including* such emergency deliveries should be shown in a footnote with a brief explanation as to the nature of the emergency.*
3. State type of monthly peak reading (instantaneous 15, 30, or 60 minutes integrated).
4. Monthly output should be the sum of respondent's net generation for load and purchases plus or minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with line 17 above.
5. If the respondent has two or more power systems not physically connected, the information called for below should be furnished for each system.

.... System

Line No.	Month (a)	MONTHLY PEAK					Monthly output (kwh) (See Instr. 4) (g)
		Kilowatts (b)	Day of week (c)	Day of month (d)	Hour (e)	Type of reading (f)	
31	January						
32	February						
33	March						
34	April						
35	May						
36	June						
37	July						
38	August						
39	September						
40	October						
41	November						
42	December						
						TOTAL	

---

* In some cases there may be situations of commingling of purchases and exchanges and "wheeling," also of direct deliveries by the supplier to customers of the reporting utility wherein segregation of kw demand for determination of peaks as specified by this schedule may be unavailable. In these cases peaks may be reported which include these intermingled transactions. An explanatory note, however, should be furnished, which indicates, among other things, the relative significance of the deviation from basis otherwise applicable. If the individual kw amounts of such totals are needed for billing under separate rate schedules and are estimated, give the amount and basis of estimate.

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)

1. Large plants are steam plants of 25,000 kw. or more of installed capacity (name plate rating). Include gas-turbine and internal combustion plants of 10,000 kw. and more in this schedule. Include nuclear plants.

2. If any plant is leased or operated as a joint facility, indicate such facts by the use of asterisks and footnotes.

3. If net peak demand for 60 minutes is not available, give that which is available, specifying period.

4. If a group of employees attends more than one generating plant, report on line 11 the approximate average number of employees assignable to each plant.

5. If gas is used and purchased on a therm basis, the B.t.u. content of the gas should be given and the quantity of fuel burned converted to M cu. ft. (14.73 psia at 60 °F).

6. Quantities of fuel burned (line 38) and average cost per unit of fuel burned (line 41) should be consistent with charges to expense accounts 501 and 547 (line 42) as shown on line 21.

7. If more than one fuel is burned in a plant furnish only the composite heat rate for all fuels burned.

8. The items under cost of plant represents accounts or combinations of accounts prescribed by the Uniform System of Accounts. Production

Line No.	Item (a)	Plant Name (b)			(c)		
1	Kind of plant (steam, internal combustion, gas turbine or nuclear)						
2	Type of plant construction (conventional, outdoor boiler, full outdoor, etc.)						
3	Year originally constructed						
4	Year last unit was installed						
5	Total installed capacity (maximum generator name plate ratings in kw.)						
6	Net peak demand on plant—kw. (60 minutes)						
7	Plant hours connected to load						
8	Net continuous plant capability, kilowatts:						
9	(a) When not limited by condenser water						
10	(b) When limited by condenser water						
11	Average number of employees						
12	Net generation, exclusive of plant use						
13	Cost of plant:						
14	Land and land rights						
15	Structures and improvements						
16	Equipment costs						
17	Total cost						
18	Cost per kw. of installed capacity (Line 5)						
19	Production expenses:						
20	Operation supervision and engineering						
21	Fuel						
22	Coolants and water (nuclear plants only)						
23	Steam expenses						
24	Steam from other sources						
25	Steam transferred (Cr.)						
26	Electric expenses						
27	Misc. steam power expenses (or nuclear)						
28	Rents						
29	Maintenance supervision and engineering						
30	Maintenance of structures						
31	Maintenance of boiler plant (or reactor plant)						
32	Maintenance of electric plant						
33	Maintenance of misc. steam plant (or nuclear)						
34	Total production expenses						
35	Expenses per net kwh. (Mills—2 places)						
36	Fuel: Kind	Coal	Gas	Oil	Coal	Gas	Oil
37	Unit: (Coal—tons of 2,000 lb.) (Oil—barrels of 42 gals.) (Gas—M cu. ft.) (Nuclear, indicate)						
38	Quantity (units) of fuel burned						
39	Average heat content of fuel burned (B.t.u. per lb. of coal, per gal. of oil, or per cu. ft. of gas)						
40	Average cost of fuel per unit, as delivered f.o.b. plant during year						
41	Average cost of fuel per unit burned						
42	Avg. cost of fuel burned per million B.t.u.						
43	Avg. cost of fuel burned per kwh. net gen.						
44	Average B.t.u. per kwh. net generation						

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)

expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses classified as "Other Power Supply Expenses."

9. For I.C. and G.T. plants report Operating Expenses, Acc'ts. Nos. 548 and 549 on line 26 "Electric Expenses," and Maintenance Acc'ts. Nos. 553 and 554 on line 32 "Maintenance of Electric Plant." Indicate plants designed for peak load service. Designate automatically operated plants.

10. If any plant is equipped with combinations of steam, hydro, internal combustion or gas turbine equipment, each should be reported as a separate plant. However, if a gas turbine unit functions in a combined cycle operation with a conventional steam unit, the gas turbine should be included with the steam plant.

11. If the respondent operates a nuclear power generating plant append: (a) a brief explanatory statement concerning accounting for the cost of power generated including any attribution of excess costs to research and development expenses; (b) a brief explanation of the fuel accounting specifying the accounting methods and types of cost units used with respect to the various components of the fuel cost; and (c) such additional information as may be informative concerning the type of plant, kind of fuel used, and other physical and operating characteristics of the plant.

(d)			(e)			(f)			Line No.
									1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
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									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
Coal	Gas	Oil	Coal	Gas	Oil	Coal	Gas	Oil	36
									37
									38
									39
									40
									41
									42
									43
									44

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)

Average Annual Heat Rates and Corresponding Net Kwh Output for Most Efficient Generating Units

1. Report only the most efficient generating units (not to exceed 10 in number) which were operated at annual capacity factors† of 50 percent or higher. List only unit type installations, i.e., single boiler serving one turbine-generator. It is not necessary to report single unit plants in this schedule. Do not include non-condensing or automatic extraction-type turbine units operated for processing steam and electric power generation.

2. Report annual system heat rate for total conventional steam-power generation and corresponding net generation (Line 11).

3. All heat rates on this page and also on page 432/432a should be computed on the basis of total fuel burned including burner lighting and banking fuel.

Line No.	Plant Name (a)	Unit No (b)	MW* (c)	B.t.u. Per Net Kwh. (d)	Net Generation Million Kwh. (e)	Kind of Fuel (f)
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
	Total System Steam Plants					
11						

*Generator rating at maximum hydrogen pressure.

†Annual Unit Capacity Factor = $\frac{\text{Net Generation—Kwh}}{\text{Unit KW. Capacity (as included in plant total—line 5, p. 432)} \times 8{,}760 \text{ hours}}$

HYDROELECTRIC GENERATING PLANT STATISTICS (Large Plants)

1. Large plants are hydro plants of 10,000 kw. or more of installed capacity (name plate ratings).
ratings)

2. If any plant is leased, operated under a license from the Federal Power Commission, or operated as a joint facility, indicate such facts by the use of asterisks and footnotes. If licensed project give project number.

3. If net peak demand for 60 minutes is not available, give that which is available, specifying period.

4. If a group of employees attends more than one generating plant, report on line 11 the approximate average number of employees assignable to each plant.

Line No.	FPC Licensed Project No. and Plant Name: Item (a)	(b)	(c)
1	Kind of plant (run-of-river or storage)		
2	Type of plant construction (conventional or outdoor)		
3	Year originally constructed		
4	Year last unit was installed		
5	Total installed capacity (generator name plate ratings in kw.)		
6	Net peak demand on plant—kilowatts (60 minutes)		
7	Plant hours connected to load		
8	Net plant capability, kilowatts:		
9	(a) Under the most favorable oper. conditions		
10	(b) Under the most adverse oper. conditions		
11	Average number of employees		
12	Net generation, exclusive of plant use		
13	Cost of plant:		
14	Land and land rights		
15	Structures and improvements		
16	Reservoirs, dams, and waterways		
17	Equipment costs		
18	Roads, railroads, and bridges		
19	Total cost		
20	Cost per kw. of installed capacity (Line 5).		
21	Production expenses:		
22	Operation supervision and engineering		
23	Water for power		
24	Hydraulic expenses		
25	Electric expenses		
26	Misc. hydraulic power generation expenses		
27	Rents		
28	Maintenance supervision and engineering		
29	Maintenance of structures		
30	Maintenance of reservoirs, dams, and waterways		
31	Maintenance of electric plant		
32	Maintenance of misc. hydraulic plant		
33	Total production expenses		
34	Expenses per net kwh. (Mills—2 places)		

HYDROELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)

5. The items under cost of plant represent accounts or combinations of accounts prescribed by the Uniform System of Accounts. Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses classified as "Other Power Supply Expenses."

6. If any plant is equipped with combinations of steam, hydro, internal combustion engine or gas turbine equipment, each should be reported as a separate plant.

(d)	(e)	(f)	Line No.
			1
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PUMPED STORAGE GENERATING PLANT STATISTICS (Large Plants)

1. Large plants are pumped storage plants of 10,000 kw. or more of installed capacity (name plate ratings).

2. If any plant is leased, operating under a license from the Federal Power Commmission, or operated as a joint facility, indicate such facts by the use of asterisks and footnotes. Give project number.

3. If net peak demand for 60 minutes is not available, give that which is available, specifying period.

4. If a group of employees attends more than one generating plant, report on line 8 the approximate average number of employees assignable to each plant.

Line No.	F P C Licensed Project No. and Plant Name:	
	Item (a)	(b)
1	Type of plant construction (conventional or outdoor)	
2	Year originally constructed	
3	Year last unit was installed	
4	Total installed capacity (generator name plate ratings in kw.)	
5	Net peak demand on plant—kilowatts (60 minutes)	
6	Plant hours connected to load while generating	
7	Net plant capability, kilowatts:	
8	Average number of employees	
9	Generation exclusive of plant use	
10	Energy used for pumping	
11	Net output for load (line 9 minus 10)	
12	Cost of plant:	
13	Land and land rights	
14	Structures and improvements	
15	Reservoirs, dams and waterways	
16	Water wheels, turbines and generators	
17	Accessory electric equipment	
18	Miscellaneous powerplant equipment	
19	Roads, railroads and bridges	
20	Total cost	
21	Cost per kw. of installed capacity (line 4)	
22	Production expenses:	
23	Operation supervision and engineering	
24	Water for power	
25	Pumped storage expenses	
26	Electric expenses	
27	Miscellaneous pumped storage power generation expenses	
28	Rents	
29	Maintenance supervision and engineering	
30	Maintenance of structures	
31	Maintenance of reservoirs, dams, and waterways	
32	Maintenance of electric plant	
33	Maintenance of miscellaneous pumped storage plant	
34	Production expenses before pumping expenses	
35	Pumping expenses	
36	Total production expenses	
37	Expenses per kwh. (line 36 ÷ line 9)	

PUMPED STORAGE GENERATING PLANT STATISTICS (Large Plants) (Continued)

5. The items under cost of plant represent accounts or combinations of accounts prescribed by the Uniform System of Accounts. Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses classified as "Other Power Supply Expenses."

6. Pumping energy (line 10) is that energy measured as input to the plant for pumping purposes.

7. Include in this schedule (line 35) the cost of energy used in pumping into the storage reservoir. When this item cannot be accurately computed, leave lines 35, 36 and 37 blank and describe at the bottom of the schedule the company's principal sources of pumping power, the estimated amounts of energy from each station or other source that individually provides more than 10 percent of the total energy used for pumping, and production expenses per net kwh as reported herein for each source described. Stations and other sources which individually provide less than 10 percent of total pumping energy may be grouped. If contracts are made with others to purchase power for pumping, the supplier, contract number and date of contract should be stated.

(c)	(d)	(e)	Line No.
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GENERATING PLANT STATISTICS (Small Plants)

1. Small generating plants are steam plants of less than 25,000 kw.; internal combustion and gas turbine-plants, conventional hydro plants and pumped storage plants of less than 10,000 kw. installed capacity (name plate rating).

2. Designate any plant leased from others, operated under a license from the Federal Power Commission, or operated as a joint facility, and give a concise statement of the facts in a footnote. If licensed project give project number in footnote.

3. List plants appropriately under subheadings for steam, hydro, nuclear, internal combustion and gas turbine plants. For nuclear, see instruction 10, page 432a.

4. If net peak demand for 60 minutes is not available, give that which is available, specifying period.

5. If any plant is equipped with combinations of steam, hydro, internal combustion or gas turbine equipment, each should be reported as a separate plant. However, if the exhaust heat from the gas turbine is utilized in a steam turbine regenerative feed water cycle, or for preheated combustion air in a boiler, report as one plant.

Line No.	Name of Plant	Year Orig. Const.	Installed Capacity-Name Plate Rating-KW	Net Peak Demand KW (60 Min.)	Net Generation Excluding Plant Use	Cost of Plant	Plant Cost per KW Inst. Capacity	Production Expenses			Kind of Fuel	Fuel Cost Cents per Million B.t.u.
								Operation Exc'l. Fuel	Fuel	Maintenance		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
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Annual report of

Year ended December 31, 19

CHANGES MADE OR SCHEDULED TO BE MADE IN GENERATING PLANT CAPACITIES

Give below the information called for concerning changes in electric generating plant capacities during the year.

A. Generating Plants or Units Dismantled, Removed from Service, Sold, or Leased to Others During Year

Line No.	Name of plant (a)	Disposition* (b)	INSTALLED CAPACITY—KILOWATTS Hydro (c)	Steam (d)	(other) (e)	Date** (f)	If sold or leased to another give name and address of purchaser or lessee (g)
1							
2							
3							
4							
5							
6							
7							

*State whether dismantled, removed from service, sold, or leased to another. Plants removed from service include those not maintained for regular or emergency service. **Date dismantled, removed from service, sold, or leased to another. Designate complete plants as such.

B. Generating Units Scheduled for or Undergoing Major Modifications

Line No.	Name of plant (a)	Character of Modification (b)	Installed Plant Capacity After Modification—Kilowatts (c)	ESTIMATED DATES OF CONSTRUCTION Start (d)	Completion (e)
1					
2					
3					
4					
5					
6					
7					

C. New Generating Plants Scheduled for or Under Construction

Line No.	Plant Name and location (a)	Type* (b)	INSTALLED CAPACITY KILOWATTS Initial (c)	Ultimate (d)	ESTIMATED DATES OF CONSTRUCTION Start (e)	Completion (f)
1						
2						
3						
4						
5						
6						
7						

D. New Units in Existing Plants Scheduled for or Under Construction

Line No.	Plant Name and location (a)	Type* (b)	Unit No. (c)	Size of Unit Kilowatts (d)	ESTIMATED DATES OF CONSTRUCTION Start (e)	Completion (f)
1						
2						
3						
4						
5						
6						
7						

*Hydro, pumped storage, steam, internal-combustion, gas-turbine, nuclear, etc.

STEAM-ELECTRIC GENERATING PLANTS

1. Include in this schedule steam-electric plants of 25,000 kw. (name plate rating) or more of installed capacity.

2. Report the information called for concerning generating plants and equipment at end of year. Show unit type installation, boiler and turbine-generator, on same line.

3. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.

4. Designate any generating plant or portion thereof for which the respondent is not the sole owner. If such property is leased *from* another company give name of lessor, date and term of lease, and annual rent. For any generating plant, other than a leased plant or portion thereof for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent ownership by respondent, name of co-owner, basis of sharing output, expenses or revenues, and how

Line No.	Name of Plant (a)	Location of Plant (b)	BOILERS				
			Number and Year Installed (c)	Kind of Fuel and Method of Firing (d)	Rated Pressure psig. ††††† (e)	Rated Steam Temperature* ††††† (f)	Rated Max. Continuous M lbs. Steam per Hour ††††† (g)
1							
2							
3							
4							
5							
6							
7							
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Note reference:

*Indicate reheat boilers thusly, 1050/1000

STEAM-ELECTRIC GENERATING PLANTS (Continued)

expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.

5. Designate any generating plant or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.

6. Designate any plant or equipment owned, not operated, and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

7. Include in this schedule gas-turbines operated in a combined cycle with a conventional steam unit with its associated steam unit.

TURBINE-GENERATORS**												Line No.
	TURBINES				GENERATORS						Plant Capacity, Maximum Generator Name Plate Rating††††	
					Name Plate Rating in Kilowatts							
Year Installed	Max. Rating Kilowatt †††††	Type†	Steam Pressure at Throttle psig. †††††	R.P.M.	At Minimum Hydrogen Pressure	At Maximum Hydrogen Pressure †††††	Hydrogen Pressure ††		Power Factor	Voltage K.v.†††		
							Min.	Max.				
(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	
												1
												2
												3
												4
												5
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Note references:

**Report cross-compound turbine-generator units on two lines: H.P. section and L.P. section.

Designate units with shaft connected boiler feed pumps. Give capacity rating of pumps in terms of full load requirements.

†Indicate tandem-compound (T.C.); cross-compound (C.C.); single casing (S.C.); topping unit (T.), and noncondensing (N.C.). Show back pressures

††Designate air cooled generators.

†††If other than 3 phase, 60 cycle, indicate other characteristic.

††††Should agree with column (n).

†††††Include both ratings for the boiler and the turbine-generator of dual-rated installations.

Annual report of .... Year ended December 31, 19 ....

HYDROELECTRIC GENERATING PLANTS

1. Include in this schedule Hydro plants of 10,000 kw. (name plate rating) or more of installed capacity.

2. Report the information called for concerning generating plants and equipment at end of year. Show associated prime movers and generators on the same line.

3. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.

4. Designate any plant or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and term of lease, and annual rent. For any generating plant, other than a leased plant, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement ex-

				WATER WHEELS			
Line No.	Name of Plant (a)	Location (b)	Name of Stream (c)	Attended or Unattended (d)	Type of Unit* (e)	Year Installed (f)	Gross Static Head With Pond Full (g)
1							
2							
3							
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*Horizontal or vertical. Also indicate type of runner—Francis (F), fixed propeller (FP), automatically adjustable propeller (AP), Impulse (I). Designate reversible type units by appropriate footnote.

Rev. (12-60)

HYDROELECTRIC GENERATING PLANTS (Continued)

plaining the arrangement and giving particulars as to such matters as percent ownership by respondent, name of co-owner, basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.

5. Designate any plant or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.

6. Designate any plant or equipment owned, not operated, and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

WATER WHEELS—Continued			GENERATORS						Total Installed Generating Capacity in Kilowatts (name plate ratings)	Line No.
Design Head (h)	R.P.M. (i)	Maximum hp. Capacity of Unit at Design Head (j)	Year Installed (k)	Voltage (l)	Phase (m)	Frequency or d.c. (n)	Name Plate Rating of Unit in Kilowatts (o)	Number of Units in Plant (p)	(q)	
										1
										2
										3
										4
										5
										6
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PUMPED STORAGE GENERATING PLANTS

1. Include in this schedule pumped storage plants of 10,000 kw. (name-plate rating) or more of installed capacity.
2. Report the information called for concerning generating plants and equipment at end of year. Show associated prime movers and generators on the same line.
3. Exclude from this schedule the book cost of plant included in Account 121, Nonutility Property.
4. Designate any plant or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and term of lease.

Line No.	Name of Plant (a)	Location (b)	Name of Stream (c)	WATER WHEELS OF HYDRAULIC TURBINES/PUMPS				
				Attended or Unattended (d)	Type of Unit* (e)	Year Installed (f)	Gross Static Head with Pond Full (g)	Design Head (h)
1								
2								
3								
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*Horizontal or vertical or inclined. Also indicate type of runner—Francis (F), fixed propeller (FP), automatically adjustable propeller (AP), Impulse (I), Tublar (T).

Designate reversible type units by appropriate footnote.

PUMPED STORAGE GENERATING PLANTS (Continued)

and annual rent. For any generating plant, other than a leased plant, or portion thereof, for which the respondent shares in the operation of, furnish a concise statement explaining the arrangement and giving particulars as to such matters as percent ownership by respondent, name of co-owner, basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.

SEPARATE MOTOR-DRIVEN PUMPS									Line No.
R.P.M.*	Maximum hp. capacity of unit at design head	Year Installed	Type	R.P.M.	Phase	Frequency or dc	Name plate rating in		
							H.P.	Kva	
(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	
									1
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*Designate whether turbine or pump.

PUMPED STORAGE GENERATING PLANTS (Continued)

5. Designate any plant or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.

6. Designate any plant or equipment owned, not operated, and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

Line No.	GENERATORS OR GENERATOR/MOTORS						Total Installed Generating Capacity in Kilowatts (Name Plate Ratings) (x)
	Year Installed (r)	Voltage (s)	Phase (t)	Frequency or d.c. (u)	Name Plate Rating of Unit * in Kilowatts** (v)	Number of Units in Plant (w)	
1							
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*Designate whether generator or motor.
**Designate whether kva, kw, or hp. Indicate power factor.

Annual report of

Year ended December 31, 19

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE GENERATING PLANTS

1. Include in this schedule internal-combustion engine and gas-turbine plants of 10,000 kilowatts and more.

2. Report the information called for concerning plants and equipment at end of year. Show associated prime movers and generators on the same line.

3. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.

4. Designate any plants or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and term of lease, and annual rent. For any generating plant other than a leased plant, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such

Line No.	Name of Plant (a)	Location of Plant (b)	PRIME MOVERS			
			Internal-Combustion or Gas-Turbine (c)	Year Installed (d)	Cycle* (e)	Belted or Direct Connected (f)
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Note references.

*Indicate basic cycle for gas-turbine: open or closed.

Indicate basic cycle for internal-combustion: 2 or 4.

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE GENERATING PLANTS (Continued)

matters as percent of ownership by respondent, name of co-owner, basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.

5. Designate any plant or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.

6. Designate any plant or equipment owned, not operated, and not leased to another company. If such plant or equipment was not operated within the past year, explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

PRIME MOVERS Continued	GENERATORS						Total Installed Generating Capacity in Kilowatts (name plate ratings) (n)	Line No.
Rated hp. of Unit (g)	Year Installed (h)	Voltage (i)	Phase (j)	Frequency or d.c. (k)	Name Plate Rating of Unit in Kilowatts (l)	Number of Units in Plant (m)		
								1
								2
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TRANSMISSION LINE STATISTICS

1. Report information concerning transmission lines, cost of lines, and expenses for year. List each transmission line having nominal voltage of 132 kilovolts or greater. Transmission lines below these voltages may be reported in group totals only for each voltage.

2. Transmission lines include such lines as come within the definition of transmission system plant as given in the Uniform System of Accounts. Substation costs and expenses are not to be included in the costs and expenses reported in this schedule.

3. Data may be reported by individual lines for all voltages if so required by a State commission.

4. Exclude from this schedule any transmission lines for which plant costs are included in Account 121, Nonutility Property.

5. The type of supporting structure reported in column (e) should indicate whether (1) single pole, wood or steel, (2) H-frame, wood or steel poles, (3) tower, or (4) underground construction. If a transmission line has more than one type of supporting structure, indicate the mileage of each type of construction by the use of brackets and extra lines in the schedule. Minor portions of a transmission line of a different type of construction need not be distinguished from the remainder of the line.

Line No	DESIGNATION		VOLTAGE*		Type of supporting structure (e)	LENGTH (pole miles)**		Number of circuits (h)
	From (a)	To (b)	Operating (c)	Designed (d)		On structures of line designated (f)	On structures of another line (g)	
1								
2								
3								
4								
5								
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33								
34								
35								
36								
					TOTAL			

* Where other than 60 cycle, 3 phase, so indicate.

** In the case of underground lines, report circuit miles.

TRANSMISSION LINE STATISTICS (Continued)

6. Report in columns (f) and (g) the total pole miles of each transmission line. It is intended that column (f) shall show the pole miles of line on structures the cost of which is reported for the line designated, and, conversely, that column (g) shall show the pole miles of line on structures the cost of which is reported for another line. Pole miles of line on leased or partly owned structures shall be reported in column (g) with appropriate designation and footnote explaining the basis of such occupancy and stating whether expenses with respect to such structures are included in the expenses reported for the line designated.

7. Transmission line structures which also support a line of lower voltage should be included with the line of higher voltage. Designate if such is not the case with respect to any transmission line reported in this schedule. Transmission line structures which also support a line of the same voltage should be included with the line most appropriate. The pole miles of such structures for the line in which included should be reported in column (f) and for the other line in column (g).

8. Designate any transmission line or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and terms of lease, and amount of rent for year. For any transmission line, other than a leased line, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent ownership by respondent in the line, name of co-owner, basis of sharing expenses of the line, and how the expenses borne by the respondent are accounted for and accounts affected. Specify whether lessor, co-owner, or other party is an associated company.

9. Designate any transmission line leased to another company and give name of lessee, date and terms of lease, annual rent for year and how determined. Specify whether lessee is an associated company.

10. The plant cost figures called for in columns (j) to (l) should be the book cost at end of year.

Size of Conductor and Material (i)	COST OF LINE			EXPENSES, EXCEPT DEPRECIATION AND TAXES				Line No.
	Land *** (j)	Construction and other costs (k)	Total cost (l)	Operation expenses (m)	Maintenance expenses (n)	Rents (o)	Total expenses (p)	
	$	$	$	$	$	$	$	1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
								13
								14
								15
								16
								17
								18
								19
								20
								21
								22
								23
								24
								25
								26
								27
								28
								29
								30
								31
								32
								33
								34
								35
								36

***Includes land, land rights, and clearing right-of-way

Rev. (12-55)

TRANSMISSION LINES ADDED DURING YEAR

1. Report below the information called for concerning transmission lines added or altered during the year. It is not necessary, however, to report minor revisions of lines.

2. Provide separate subheadings for overhead and underground construction and show each transmission line separately. If actual costs of completed construction are not readily available for reporting in columns (l) to (o), it is permissible to report in these columns, the estimated final completion costs. Designate, however, if estimated amounts are reported. Include costs of Clearing Land and Rights-of-Way, and Roads and Trails, in column (l) with appropriate footnote, and costs of Underground Conduit in column (m).

3. If design voltage differs from operating voltage indicate such fact by footnote; also where line is other than 60 cycle, 3 phase indicate such other characteristic.

Line No.	LINE DESIGNATION		Line Length in miles	SUPPORTING STRUCTURE		CIRCUITS PER STRUCTURE		CONDUCTORS			Voltage Kv (Operating)	LINE COST			
	From	To		Type	Average Number per mile	Present	Ultimate	Size	Specification	Configuration and spacing		Land and land rights	Poles, towers and fixtures	Conductors and devices	Total
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
1												$	$	$	$
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29	TOTAL			▨	▨	▨	▨	▨	▨	▨	▨				

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.

2. Substations which serve but one industrial or street railway customer should not be listed hereunder.

3. Substations with capacities of less than 10,000 kva, except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.

4. Indicate in col. (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the schedule summarize according to function the capacities reported for the individual stations in column (f).

5. Show in cols. (i), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Line No.	Name and location of substation (a)	Character of substation (b)	VOLTAGE			Capacity of substation in kva (In service) (f)	Number of transformers in service (g)	Number of spare transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT		
			Primary (c)	Secondary (d)	Tertiary (e)				Type of equipment (i)	Number of units (j)	Total capacity (k)
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
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16											
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20											
21											
22											
23											
24											
25											
26											
27											
28											
29											

ELECTRIC DISTRIBUTION METERS AND LINE TRANSFORMERS

1. Report below the information called for concerning distribution watt-hour meters and line transformers.

2. Watt-hour demand distribution meters should be included below but external demand meters should not be included.

3. Show in a footnote the number of distribution watt-hour meters or line transformers held by the respondent under lease from others, jointly owned with others, or held otherwise than by reason of sole ownership by the respondent. If 500 or more meters or line transformers are held under a lease, give name of lessor, date and period of lease, and annual rent. If 500 or more meters or line transformers are held other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of accounting for expenses between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Line No.	Item (a)	Number of watt-hour meters (b)	LINE TRANSFORMERS	
			Number (c)	Total capacity (kva) (d)
1	Number at beginning of year			
2	Additions during year:			
3	Purchases			
4	Associated with utility plant acquired			
5	Total additions			
6	Reductions during year:			
7	Retirements			
8	Associated with utility plant sold			
9	Total reductions			
10	Number at end of year			
11	In stock			
12	Locked meters on customers' premises			
13	Inactive transformers on system			
14	In customers' use			
15	In company's use			
16	Total end of year (as above)			

RESEARCH AND DEVELOPMENT ACTIVITIES

1. Describe and show below costs incurred and accounts charged during the year for technological research and development projects initiated, continued or concluded during the year. Report also support to others during the year for jointly-sponsored projects. (Recipient must be identified if affiliated.) For any research and development work carried on by the respondent in which there is a sharing of costs with others, show separately the respondent's cost for the year and cost chargeable to others. (See definition of research and development in Uniform System of Accounts.)
2. Indicate in column (a) applicable classification, as shown below; list in column (b) projects costing $5,000 or more, briefly describing the specific area of research or development (such as for safety, automation, type of appliance, pollution, corrosion, insulation, etc.). Items under $5,000 may be grouped by classifications.

   A. Electric Utility R & D Performed Within Company:
      (1) Power Plants—
         a. Hydro
         b. Fossil Fuel Steam
         c. Internal Combustion
         d. Atomic
         e. Direct Conversion
      (2) System Planning, Engineering and Operation
      (3) Transmission (indicate overhead and underground projects separately)
      (4) Distribution
      (5) Other (including items in excess of $5,000)
      (6) Total Cost Incurred
   B. Electric Utility R & D Performed Outside the Company:
      (1) Research Support to the Electric Research Council
      (2) Research Support to Edison Electric Institute
      (3) Research Support to Nuclear Power Groups
      (4) Research Support to Others
      (5) Other (including items in excess of $5,000)
      (6) Total Cost Incurred
3. Show in column (c) all costs incurred during the current year. Show in column (d) the amounts actually capitalized and charged to plant accounts during the current year and in column (e) the actual amounts charged during the current year to the expense accounts [the cost of projects cleared on a completed basis will be shown in columns (d) and (e) when the projects are cleared and not when the costs are incurred].
4. If costs have not been segregated for research and development activities or projects, estimates may be submitted for columns (c), (d) and (e), with such amounts identified by "Est.".
5. Report separately research and related testing facilities operated by the respondent.

Line No.	Classification (a)	Description (b)	Costs Incurred Current Year (c)	Amounts charged in current year to	
				Plant (d)	Expense (e)

ATTESTATION

The foregoing report must be attested by an officer of the company.

.... certifies that
(Insert here the name of the affiant)

he is..
(Insert here the official title of the affiant)

of..
(Insert here the exact legal title or name of the respondent)

that he has examined the foregoing report; that to the best of his knowledge, information, and belief, all statements of fact contained in the said report are true and the said report is a correct statement of the business and affairs of the above-named respondent in respect to each and every matter set forth therein during the period from and including

..............................19.........., to and including..............................19..........

....
(Signature of affiant)

INDEX

Page No.

- Accounts payable to associated companies ... 221
  - Receivable ... [illegible]
  - Receivable from associated companies ... 205
- Accrued and prepaid taxes ... 222
- Accumulated deferred income taxes ... 227
- Accum. provision for amortization of electric plant acq. adj. ... 407
  - Depreciation and amortization of other property ... 201
    - Of common utility plant ... 351
    - Of electric plant ... 408
    - Of utility plant (summary) ... 118
- Accumulated provision for uncollectible accounts ... [illegible]
- Administrative and general expenses transferred ... 420
- Advances for construction, customer ... 224
  - From associated companies ... 219
  - To associated companies ... 202
- Amortization of elec. plant acquisition adj., accum. provision for ... 407
  - Miscellaneous ... 304
  - Of nonutility property, accum. provision for ... 201
- Associated companies—Advances from ... 219
  - Advances to ... 202
  - Corporations controlled by respondent ... 105
  - Control over respondent ... 102
  - Interest on debt to ... 219, 221
  - Investment in ... 202
  - Payables to ... 221
  - Receivables from ... 205
  - Service contract charges ... 354
- Balance sheet, comparative ... 110
- Bonds ... 219
- Capital stock ... 215
  - Discount ... 216
  - Expense ... 216
  - Installments received ... 215
  - Liability for conversion ... 216
  - Premiums ... 216
  - Reacquired ... 215
  - Subscribed ... 216
- Changes, important, during year ... 108

- Common utility plant (see plant).
- Conduit, underground cable and submarine cable ... 446
- Construction overheads, electric ... 427
- Construction work in progress—Common utility plant ... 351
  - Electric ... 408
  - Other utility departments ... 118
- Contracts—Service contract charges ... 354
- Contributions in aid of construction ... [illegible]
- Control over respondent ... 102
  - —Corporations controlled by respondent ... 105
  - —Security holders and voting powers ... 106
- Current and accrued assets, miscellaneous ... 210
  - Liabilities, miscellaneous ... 224
- Customer advances for construction ... 224
- Deferred credits, other ... 225
  - Debits, miscellaneous ... 214
  - Income taxes, accumulated ... 227
  - Regulatory commission expenses ... 214
- Depreciation and amortization of common utility plant ... 351
  - of electric plant ... 408, 429
  - of nonutility property ... 201
- Directors ... 105
- Discount on capital stock ... 216
- Distribution of salaries and wages ... 355
- Dividend appropriations ... 117
- Earned surplus, statement of ... 117
- Electric energy account ... 431
  - Plant (see plant).
- Expenses, electric operation and maintenance ... 417
  - Summary ... 420
- Extraordinary property losses ... [illegible]
- Franchise requirements, electric ... [illegible]
- Fuel and oil stocks ... [illegible]
- General information ... 101
- Generating Plant Statistics:
  - Hydroelectric (large) ... 432a
  - Pumped Storage (large) ... 432b
  - Small Plants ... 434
  - Steam-Electric (large) ... 432
- Generating Plants:
  - Changes in capacities ... 433
  - Hydroelectric ... 436
  - Internal-combustion engine and gas turbine ... 440
  - Pumped storage ... 439a
  - Steam-electric ... 437
- Important changes during year ... 108
- Income, statement of, for the year (see also revenues) ... 114
  - Deductions—Interest on debt to associated companies ... 304
    - Miscellaneous amortization ... 304
    - Other income deductions ... 304
    - Other interest charges ... 304
  - Utility plant leased to others ... 301
  - Miscellaneous nonoperating ... 303
  - Other—From nonutility operation ... 303
    - Interest and dividend ... 303
    - Nonoperating rental ... 303
- Installments received on capital stock ... 215
- Interchange power ... 424
- Interest charges, other ... 304
  - On debt to associated companies ... 304
  - Paid on long-term debt, advances, etc ... 219
  - Received from investments, advances, etc ... 202
- Investment tax credits, accumulated deferred ... [illegible]
  - Generated and utilized ... [illegible]
- Investments in associated companies ... 202
  - Nonutility property ... 201
  - Other ... 202
  - Securities disposed of during year ... 202
  - Temporary cash investments ... 202
- Long-term debt ... 219
  - Assumed during year ... 220
  - Retired during year ... 220
- Management and engineering contracts ... 354
- Materials and supplies ... 207
- Meters and line transformers ... 447
- Miscellaneous general expenses ... 427
- Miscellaneous reservations of surplus ... 117
- Nonutility property ... 201
  - Revenues from lease of ... 303
- Notes payable—Advances from associated companies ... 219
  - Current ... 221
  - To associated companies ... 221
- Notes receivable ... 204
  - From associated companies ... 205
- Nuclear generating plant, statistics ... 432
- Officers and officers' salaries ... 104
- Operating expenses, electric ... 417
  - Summary ... 420
- Other investments ... 202
- Other paid-in capital ... 217
  - Donations received from stockholders ... 217
  - Gain on resale or cancellation of reacquired capital stock ... 217
  - Miscellaneous paid-in capital ... 217
  - Reduction in par or stated value of capital stock ... 217
- Overheads, construction, electric ... 427
- Payables to associated companies ... 221
- Peaks, monthly, and output ... 431
- Plant acquisition adjustments, electric ... 407
  - Accum. prov. for amort. ... 407
- Plant, common utility—Accum. provision for depreciation ... 356
  - Acquisition adjustments ... 351
  - Allocable to utility departments ... 351
  - Completed construction not classified ... 351
  - Construction work in progress ... 351
  - Expenses ... 351
  - Held for future use ... 351
  - In process of reclassification ... 351
  - In service ... 351
  - Leased to others ... 351
- Plant data ... [illegible] to 457
- Plant, electric—Accum. provision for depreciation ... 408
  - Acquisition adjustments ... 407
  - Completed construction not classified ... 406
  - Construction work in progress ... 408
  - Fish and Wildlife and Recreation ... [illegible]
  - Held for future use ... 405
  - In process of reclassification ... 118
  - In service ... 401
  - Leased to others ... 404
- Plant, util., and accum. prov. for depr., amort., and depl. (sum.) ... 118
  - Leased to others, income from ... 301
- Preliminary survey and investigation charges ... 213
- Premiums on capital stock ... 216
- Prepaid taxes ... 222
- Prepayments ... 210
- Professional services, charges for ... 354
- Purchased power ... 422
- Reacquired capital stock ... 215
  - Long-term debt ... 219
- Receivables from associated companies ... 205
- Receivers' certificates ... 219
- Regulatory commission expenses for year ... [illegible]
  - Deferred ... 214
- Rent—Charged ... 421
  - For lease of utility plant ... 301
  - From electric property ... 416
  - Interdepartmental ... 416
- Research and development activities ... 448
- Reserves—Amortization—Federal ... 226
  - Injuries and damages ... 226
  - Misc. operating ... 226
  - Pensions and benefits ... 226
  - Property insurance ... 226
- Revenues (see also sales)—Deductions—Nonoperating ... 303
  - Electric operating ... 409
  - From lease of nonutility property ... 303
  - From sinking and other funds ... 416
  - Miscellaneous and other electric ... 416
  - Miscellaneous nonoperating ... 303
- Salaries and wages, distribution of ... 355
  - Officers' ... 104
- Sales of electricity by rate schedules ... 414
  - Communities ... 418
  - For resale ... 412
  - Interdepartmental ... 416
  - Railroads and railways ... 416
  - Water and water power ... 416
- Securities—Associated companies, investment in ... 202
  - Disposed of during year ... 202
  - Holders and voting powers ... 106
  - Issued or assumed during year ... 220
  - Other investments ... 202
  - Refunded or retired during year ... 220
  - Temporary cash investments ... 202
- Service contract charges ... 354
- Stock liability for conversion ... 216
- Substations ... 445
- Surplus, Earned—Appropriated ... 117
  - Unappropriated ... 117
- Taxes, accrued and prepaid ... 222
  - Charged during year ... [illegible]
  - On income, deferred, accumulated ... 227
  - Reconciliation of net income for ... 223
- Temporary cash investments ... 202
- Transmission lines added during year ... 444
  - Statistics ... 443
- Unamortized debt discount and expense ... 211
  - Premium on debt ... 211
- Utility plant (see plant).

FEDERAL POWER COMMISSION

ELECTRIC UTILITIES MONTHLY STATEMENT OF OPERATING REVENUES AND INCOME

REPORT FOR THE MONTH OF

SEPTEMBER 1967-68

Form Approved
Budget Bureau No. 54R080

Line No.	ITEM	REVENUES AND INCOME (Omit cents)		SALES (Thousands Kwh)		CUSTOMERS	
		1967	1968	1967	1968	1967	1968
	SALES OF ELECTRIC ENERGY:	$	$				
1	Residential Service						
2	Commercial Service						
3	Industrial Service						
4	Other Sales to Ultimate Consumers						
5	Total Sales to Ultimate Consumers						
6	Sales for Resale						
7	Total Sales of Electric Energy						
8	OTHER ELECTRIC REVENUES						
9	TOTAL ELECTRIC OPERATING REVENUES						
	ELECTRIC OPERATING EXPENSES:						
10	Operation & Maintenance Expenses (a)						
11	Depreciation and Amortization						
12	Taxes Other Than Income Taxes						
13	Income Taxes - Federal						
14	Income Taxes - Other						
15	Provisions for Deferred Income Taxes						
16	Income Taxes Deferred in Prior Years - Credit						
17	Investment Tax Credit Adjustments						
18	Total Taxes						
19	Total Electric Operating Expenses						
20	NET ELECTRIC OPERATING REVENUES						
21	INCOME FROM ELECTRIC PLANT LEASED TO OTHERS						
22	ELECTRIC UTILITY OPERATING INCOME						
23	OTHER UTILITY OPERATING INCOME						
24	TOTAL UTILITY OPERATING INCOME						
25	OTHER INCOME						
26	TOTAL INCOME						
27	MISCELLANEOUS INCOME DEDUCTIONS						
28	INCOME BEFORE INTEREST CHARGES						
29	Interest on Long-term Debt						
30	Amort. Debt Disc., Prem. & Expense						
31	Other Interest Charges						
32	Interest Charged to Construction - Credit						
33	Total Interest Charges						
34	NET INCOME						
	(a) STATE SEPARATELY THE FOLLOWING DETAIL:						
35	Salaries and Wages Charged to Electric Operations						
36	Fuel Expense for Production of Electric Energy						

DIVIDENDS DECLARED
(Omit cents)

	1967	1968
Preferred Stock	$	$
Common Stock		

PLANT INVESTMENT
(Omit cents)

	1967	1968
Electric Utility Plant	$	$
Accumulated Provision for Deprec. & Amortization		

PLEASE COMPLETE AND RETURN YELLOW COPY TO
FEDERAL POWER COMMISSION
WASHINGTON, D. C. 20426
WHITE COPY IS FOR YOUR FILE

FPC Form 5
Rev (12-66)

FPC FORM NO. 12-C

THIS COPY FOR YOUR FILE
BUDGET BUREAU NO. 54-R048.12
APPROVAL EXPIRES DEC. 31, 1960

UNITED STATES - FEDERAL POWER COMMISSION

INDUSTRIAL ELECTRIC GENERATING CAPACITY

PLEASE RETURN ONE (1) COMPLETED COPY OF THIS FORM TO THE FEDERAL POWER COMMISSION, WASHINGTON 25, D. C. IN THE ENCLOSED POSTAGE-FREE ENVELOPE NOT LATER THAN FIFTEEN DAYS AFTER RECEIPT.

SEE INSTRUCTIONS ON REVERSE SIDE

(Name and address of company)

_______________ (PLANT)
_______________ (COUNTY)

ITEM	YEAR	TYPE OF PRIME MOVER			
		HYDRO	STEAM	INTERNAL COMBUSTION	TOTAL
Kilowatt Capacity December 31 (Name-plate rating)					
Generation (1,000's kwh)					§
Kilowatt Capacity December 31 (Name-plate rating)					
Generation (1,000's kwh)					§

PRINCIPAL PRODUCT

SALES OR DELIVERIES TO OTHERS—

	THOUSANDS OF KILOWATT-HOURS
To Company Employees	
To Electric Utilities	
To Other Industrial Establishments	
Total	

Note: Data showing kilowatt capacity, generation and principal product are those previously reported.

§ Please verify that kwh are reported in thousands

FPC FORM NO. 9

Budget Bureau No. 54-R074

Licensed Project Annual Report

of

(Name of Licensee)

(Address of Licensee)

to the

FEDERAL POWER COMMISSION

for the

YEAR ENDED DECEMBER 31, ____

Name, title, and address of officer or other person to whom should be addressed any communication concerning this report:

GENERAL INSTRUCTIONS

1. A report on this form is required to be filed annually by each privately-owned licensee for major projects and shall cover all major projects owned by the licensee.

2. An original and two conformed copies of this report, properly verified, shall be filed with the Federal Power Commission, Washington, 25 D.C., on or before April 30, following the close of the year ended December 31, unless otherwise authorized or directed by the Commission. If the licensee owns a project or projects west of the western boundary of the States of Minnesota, Iowa, Missouri, Arkansas, and Louisiana, two additional conformed copies, properly verified, shall be filed with the Regional Accountant, Federal Power Commission, San Francisco, California.

3. The period to be covered by this report is a calendar year. If for any reason a shorter or different period applies with respect to any schedule, a notation should be made thereon showing prominently the beginning and ending dates of the period covered and in a footnote the reason the period covered is other than the full calendar year.

4. The original copy of reports on this form shall be made out in permanent black ink or with permanent black typewriter ribbon or such reproduction means as result in a permanent record. The conformed copies may be made with hectograph impression or similar means of reproduction, provided the impressions are sharp and accurately aligned as to line numbers and columns.

5. The information called for by each schedule shall be made on the form provided for that purpose. If insert pages are necessary, they shall be of durable paper and conform to this report in size and width of margin and columnar rulings.

6. The account classifications shall be in conformity with the Uniform System of Accounts prescribed by the Commission for public utilities and licensees.

7. The term "project" as used herein means all the property covered by a single license number. The terms "development" or "plant" as used herein refer to: *(a)* a single reservoir and its related dam where there is no specificially related generating station; or *(b)* a single reservoir and its related dam or dams that are specifically related to more than one generating station; or *(c)* a generating station and its specifically related dams and reservoirs and waterways, transmission facilities, and general plant; or *(d)* a transmission line or lines not related specifically with a single generating plant.

8. The data required herein may be furnished in round-dollar (even-dollar) amounts, omitting cents.

EXCERPTS FROM THE LAW

"Sec. 4. The Commission is hereby authorized and empowered
* * *

(b) To determine the actual legitimate original cost of and the net investment in a licensed project, and to aid the commission in such determinations, each licensee shall, upon oath, within a reasonable period of time to be fixed by the commission, after the construction of the original project or any addition thereto or betterment thereof, file with the Commission in such detail as the Commission may require, a statement in duplicate showing the actual legitimate original cost of construction of such project, addition, or betterment, and of the price paid for water rights, rights-of-way, lands or interest in lands. The licensee shall grant to the Commission or to its duly authorized agent or agents, at all reasonable times, free access to such project, addition, or betterment, and to all maps, profiles, contracts, reports of engineers, accounts, books, records, and all other papers and documents relating thereto. The statement of actual legitimate original cost of said project, and revisions thereof as determined by the Commission, shall be filed with the Secretary of the Treasury."

"Sec. 304 *(a)*. Every licensee and every public utility shall file with the Commission such annual and other periodic or special reports as the Commission may by rules and regulations or order prescribe as necessary or appropriate to assist the Commission in the proper administration of this Act. The Commission may prescribe the manner and form in which such reports shall be made, and require from such persons specific answers to all questions upon which the Commission may need information. The Commission may require that such reports shall include, among other things, full information as to assets and liabilities, capitalization, net investment, and reduction thereof, gross receipts, interest due and paid, depreciation, and other reserves, cost of project and other facilities, cost of maintenance and operation of the project and other facilities, cost of renewals and replacement of the project works and other facilities, depreciation, generation, transmission, distribution, delivery, use, and sale of electric energy. The Commission may require any such person to make adequate provision for currently determining such costs and other facts. Such reports shall be made under oath unless the Commission otherwise specifies."

"*(b)* It shall be unlawful for any person willfully to hinder, delay, or obstruct the making, filing, or keeping of any information, document, report, memorandum, record, or account required to be made, filed, or kept under this Act or any rule, regulation, or order thereunder."

"Sec. 309. The Commission shall have power to perform any and all acts, and to prescribe, issue, make, amend, and rescind such orders, rules, and regulations as it may find necessary or appropriate to carry out the provisions of this Act. Among other things, such rules and regulations may define accounting, technical, and trade terms used in this Act; and may prescribe the form or forms of all statements, declarations, applications, and reports to be filed with the Commission, the information which they contain, and the time within which they shall be filed. * * *"

"Sec. 315 *(a)*. Any licensee or public utility which willfully fails, within the time prescribed by the Commission, to comply with any order of the Commission, to file any report required under this Act or any rule or regulation of the Commission thereunder, to submit any information or document required by the Commission in the course of an investigation conducted under this Act, * * * shall forfeit to the United States an amount not exceeding $1,000 to be fixed by the Commission after notice and opportunity for hearing. * * *"

GENERAL PENALTIES; * * *

"Sec. 316 *(b)*. Any person who willfully and knowingly violates any rule, regulation, restriction, condition, or order made or imposed by the Commission under authority of this Act, or any rule or regulation of Part I of this Act shall, in addition to any other penalties provided by law, be punished upon conviction thereof by a fine not exceeding $500 for each and every day during which such offense occurs."

LIST OF SCHEDULES

Title of Schedule	*Page No.*
Information Concerning Licenses and Location of Records	1
Licensed Project Plant	2–3
Additions–Licensed Project Plant	4–5
Retirements–Licensed Project Plant	6–7
Adjustments–Licensed Project Plant	8
Accumulated Provision for Depreciation of Licensed Project Plant	9
Accumulated Provision for Amortization of Licensed Project Plant	10
Depreciation Expense for Licensed Project Plant	11
Amortization Expense for Licensed Project Plant	12
Amortization Reserve–Federal	13
Information Concerning Operation of Licensed Projects and the Sale or Use of Energy Produced	14
Energy Generated and Energy Delivered by Licensed Projects	15

Annual Report of ______________________________ Year ended December 31, 19___

INFORMATION CONCERNING LICENSES AND LOCATION OF RECORDS

Particulars (a)	PROJECT NUMBER AND NAME No. ________ (b)	 No. ________ (c)	 No. ________ (d)	 No. ________ (e)
1. Date license was executed by Federal Power Commission..........				
2. Effective date of license (date issued unless otherwise specified in license)..........				
3. Date project was placed in operation under license (effective date of license if project was already constructed when license was issued)..........				
4. Location of books and records relating to project:				
(a) General books: Location..........				
Custodian..........				
(b) Records relating to plant accounts: Location..........				
Custodian..........				
(c) Operating records: Location..........				
Custodian..........				
(d) Licensee's copies of annual reports to Federal Power Commission: Location..........				
Custodian..........				
(e) Licensee's copy of license for project: Location..........				
Custodian..........				
(f) Maps and other exhibits made part of license: Location..........				
Custodian..........				
5. State or States in which project is located				

Project No.______ Project Name______

LICENSED PROJECT PLANT

(Use a separate sheet for each licensed project plant)

1. Report for the year the amount of project plant classified according to accounts prescribed in the Uniform System of Accounts. Show the balance at beginning of year, additions, retirements, and adjustments during the year, and balance at the end of the year as recorded on the books of account.

2. Do not include as adjustments, corrections of additions and retirements for the current or the preceding year. Such items should be included in appropriate column (c) or (d).

3. Credit items in columns (e) and (f) should be shown in red or enclosed in parentheses.

4. Reclassifications or transfers within utility plant accounts should be shown in column (f).

A. CLASSIFIED BY ACCOUNTS

Line No.	Account number and title (a)	Balance beginning of year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance end of year (g)
1	101, Electric plant in service (list accounts)	$	$	$	$	$	$
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
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17							
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23							
24							
25							
26							
27							
28							
29							

30							
31							
32							
33							
34							
35	Total Account 101, Electric Plant in						
36	Service—Project						
37	104, Electric plant leased to others—Project						
38	106, Completed construction not classi-						
39	fied—Project						
40	107, Construction work in progress—Proj-						
41	ect						
42	Total Project Plant						
43							
44	271, Contributions in aid of construction—						
45	Project						
46	Total Actual Legitimate Original						
47	Cost—Project						
48		B. CLASSIFIED BY DEVELOPMENTS					
49							
50	Name of Development						
51							
52							
53							
54							
55							
56							
57							
58							
59							
60							
61							
62							
63							
64							
65							
66							
67							
68							
69							
70							
71	Total						

Project No. ____________________ Project Name ____________________

ADDITIONS—LICENSED PROJECT PLANT

(Use a separate sheet for each licensed project)

1. Report below details of the recorded cost of licensed project plant additions for the year covered by this report, such cost details to be reported with Work Order reference and according to prescribed plant accounts in which the amounts are included.

2. For each account show the account number, account title, and total charges, followed by details of the additions comprising the total charges to the account. Total charges should be shown in column (c) and the detail amounts in column (b).

3. Describe the physical nature of each addition and report the total cost thereof. For example, there may be shown under account 331, Structures and Improvements, "addition to garage No. 2; twenty-five by forty feet; brick construction; west side of original structure, $10,000.00." Also, there may be shown under account 333, Water Wheels, Turbines and Generators, "2 Woodward L H R 30,000 ft. lb. governors for units 1 and 2; equipment costs each, $13,500.00; installation costs, $1,814.52; total cost each, $14,407.26; total cost of both governors, $28,814.52." (Amounts here shown are not intended to be representative costs for this kind of equipment.) A detailed itemization of the cost components is not desired, but rather the cost of each job or work order, except that for additions of large items of equipment, the equipment and installation costs comprising total cost should be shown.

4. If the project consists of more than one development, each addition should be identified with the specific development.

5. Column (c) should agree as to amounts and total with column (c) of page 3, as to project electric plant in service accounts.

Line No.	Particulars (a)	Detail (b) $	c.	Total by accounts (c) $	c.
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
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21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43	Total				

(If necessary, use continuation sheets)

Annual Report of ____ Year ended December 31, 19__

Project No. ____ Project Name ____

ADDITIONS—LICENSED PROJECT PLANT—Continued

Line No.	Particulars (a)	Detail (b)	Total by accounts (c)
		$ c.	$ c.
1	Brought Forward		
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
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33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			
52			
53			
54	Total		

Annual Report of ______________________________ Year ended December 31, 19___

Project No. ______________________________ Project Name ______________________________

RETIREMENTS—LICENSED PROJECT PLANT

(Use a separate sheet for each licensed project)

1. Report below details of the recorded cost of retirements of licensed project plant for the year covered by this report, such details to be reported according to the plant accounts in which the plant retired was included, also work order reference.

2. For each account show first the account number, account title, and total retirements, followed by detail amounts comprising the total retirements for the account. Total retirements by accounts should be shown in column (c) and detail amounts in column (b).

3. Describe each retirement in sufficient particularity to disclose the nature of the physical plant change from which the retirement resulted. Describe and show also for each kind of property unit retired, year of installation, number of units retired, and amount retired. (See list of Units of Property, prescribed by the Commission's Order No. 235, issued October 16, 1961.)

4. If the project consists of more than one development each retirement should be identified with the specific development.

5. Column (c) should agree as to amounts and total with column (d) of page 5.

Line No.	Particulars (a)	Detail (b)	Total by accounts (c)
1		$ c.	$ c.
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
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32			
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34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46	Total		

(If necessary, use continuation sheets)

Annual Report of ______________________ Year ended December 31, 19___

Project No.______________ Project Name ______________

RETIREMENTS—LICENSED PROJECT PLANT—Continued

Line No.	Particulars (a)	Detail (b)		Total by accounts (c)	
		$	c.	$	c.
1	Balance Forward				
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
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39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					
54	Total				

Annual Report of ______________________________ Year ended December 31, 19 ___

Project No. ______________________ Project Name ______________________

ADJUSTMENTS—LICENSED PROJECT PLANT

1. Report below, according to accounts affected, particulars concerning adjustments of the recorded cost of licensed project during the year covered by this report. Credits should be shown thus ( ).

2. For each account show first the account number, account title, and total adjustments, followed by detail amounts comprising total adjustments for the account.

3. Do not include in this schedule corrections of additions or retirements for the current period or preceding period. Such corrections should be included in appropriate schedules at pages 3 and 4 or 6.

4. Each adjustment should be described in sufficient particularity to disclose the purpose of the adjustment, the plant units with respect to which the adjustment is made, and the contra accounts affected by the adjustment. For any adjustments made in compliance with an order of the Commission, give date and other reference to the Commission's order.

5. If the project consists of more than one development each adjustment should be identified with the specific development.

6. Column (c) should agree as to amounts and total with column (e) of page 3. Net credit adjustments shown in column (e) should be shown enclosed in parentheses.

Line No.	Particulars (a)	Detail (b)	Total by accounts (c)
		$ c.	$ c.
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
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28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45	Total		

(If necessary, use continuation sheets)

PROJECT NO. ______________ PROJECT NAME ______________

ACCUMULATED PROVISIONS FOR DEPRECIATION OF LICENSED PROJECT PLANT

(Use a separate sheet for each licensed project plant if more than one plant included in license)

1. Report below the information called for concerning the accumulated provision for depreciation of licensed project plant.
2. Explain any important adjustments during the year.
3. Show separately interest credits under a sinking fund or similar method of depreciation accounting.
4. In section B show the amounts applicable to prescribed functional classifications.

A. BALANCES AND CHANGES DURING YEAR

Line No.	Item (a)	Total (b)	Electric plant in service (c)	Electric plant leased to others (d)
1	Balance beginning of year	$ c.	$ c.	$ c.
2	Depreciation provisions for year, charged to:			
3	403 Depreciation Expense			
4	413 Expenses of electric plant leased to others			
5	435 Miscellaneous debits to surplus			
6	Other accounts (specify):			
7				
8	Total depreciation provisions for year			
9	Net charges for plant retired:			
10	Book cost of plant retired			
11	Cost of removal			
12	Salvage (credit)			
13	Net charges for plant retired			
14	Other debit or credit items (describe):			
15				
16				
17				
18				
19				
20	Balance end of year ______			

B. BALANCES AT END OF YEAR ACCORDING TO FUNCTIONAL CLASSIFICATIONS

Line No.	Item (a)	Total (b)	Electric plant in service (c)	Electric plant leased to others (d)
31	Hydraulic production			
32	Other production			
33	Transmission			
34	General			
35	Other (Specify):			
36				
37				
38				
39	Total ______			

PROJECT NO. ______________ PROJECT NAME ______________________

ACCUMULATED PROVISIONS FOR AMORTIZATION OF LICENSED PROJECT PLANT

(Use a separate sheet for each licensed project plant if more than one plant included in license)

1. Report below the information called for concerning accumulated provision for amortization of licensed project plant.
2. Explain any important adjustments during year.
3. In section B show the amounts applicable to prescribed functional classifications.

A. BALANCES AND CHANGES DURING YEAR

Line No.	Item (a)	Total (b)	Electric plant in service (c)	Electric plant leased to others (d)
		$ c.	$ c.	$ c.
1	Balance beginning of year			
2	Amortization provisions for year, charged to:			
3	404 Amortization of limited-term electric plant			
4	405 Amortization of other electric plant			
5	413 Expenses of electric plant leased to others			
6	425 Miscellaneous amortization			
7	435 Miscellaneous debits to surplus			
8	Other accounts (specify):			
9	Total amortization provisions for year			
10	Debits (described):			
11				
12				
13				
14				
15				
16				
17				
18				
19				
20	Balance end of year			

B. BALANCES AT END OF YEAR ACCORDING TO FUNCTIONAL CLASSIFICATIONS

Line No.	Item (a)	Total (b)	Electric plant in service (c)	Electric plant leased to others (d)
31	Hydraulic production			
32	Other production			
33	Transmission			
34	General			
35				
36	Other (specify):			
37				
38				
39	Total			

Annual Report of ______________________ Year ended December 31, 19____

Project No. ____________ Project Name ____________

DEPRECIATION EXPENSE FOR LICENSED PROJECT

(Use a separate sheet for each licensed project)

1. Report below the information called for concerning depreciation accrued on project plant during the year.

2. If the straight-line method of computing depreciation was employed, give in column (c) the rates used for each class of plant and for the project as a whole. If the sinking fund method was employed, give in column (c) the lives of the various classes of plant and state in a footnote the interest rates used in the sinking fund computations.

3. Show in column (d) the amount of depreciation accrued on each class of plant during the year, the total to agree with the total depreciation provisions shown on page 9. Assuming that the respondent has accrued depreciation on a monthly basis during the year, it is not intended that amounts to be shown in column (d) will be the result of applying rates in column (c) to amounts of depreciable plant *at end of year*, shown by column (b).

4. If any of the project plant is considered to be nondepreciable, describe such plant in a footnote and give the respective amounts thereof at the end of the year.

5. If different depreciation rates are applicable to the same class of project plant where more than one development is included in the license, show separately the devolpment, amounts of plant and depreciation and applicable rates.

DEPRECIABLE PLANT AT END OF YEAR

Line No.	Class of plant (list by accounts) (a)	Amount (b)	Depreciation rate or life (in years) (c)	Depreciation accrued during year (d)
		$ c.		$ c.
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
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22				
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24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36	Total (or average)			

Annual Report of ______________________ Year ended December 31, 19____

Project No. ______________ Project Name ______________

AMORTIZATION EXPENSE FOR LICENSED PROJECT

(Use a separate sheet for each licensed project)

1. Report below the information called for concerning amortization accrued on project plant during the year.

2. In column (c) show the rate, life or other basis for computing amortization for each class of plant being amortized. If necessary, footnotes at the bottom of the page may be used to explain the basis for such computations.

3. Show in column (d) the amount of amortization accrued on each class of plant during the year, the total to agree with the total amortization provisions shown on page 10. Assuming that the respondent has accrued amortization on a monthly basis during the year, it is not intended that amounts to be shown in column (d) will be the result of applying rates in column (c) to amounts of amortizable plant at end of year, shown by column (b).

Line No.	PLANT AT END OF YEAR BEING AMORTIZED		Basis for Amortization	Amort. Accrued During Year
	Class of Plant (list by accounts) (a)	Amount (b)	(c)	(d)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
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23				
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25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37	Total (or average)			

AMORTIZATION RESERVE—FEDERAL

1. This schedule is applicable to each licensed project which has been in operation under license for a period of 20 years or more and is subject to the provisions of section 10 (d) of the Federal Power Act.

2. Report below the amount of the amortization reserve for each licensed project. Show the balance at the beginning of the year, increase during the year, and balance at the end of the year.

3. There shall be attached to and made a part of this report tabulations showing the computation of the annual project earnings and the effect on the project amortization reserve.

4. If the plant is used to generate mechanical or electric energy used by the licensee and not sold, the computation should show the basis used in valuing the energy so utilized by the licensee for industrial purposes.

	Project No. (a)	Project Name (b)	Balance Beginning of Year (c)	Increase During Year (d)	Balance End of Year (e)
			$ c.	$ c.	$ c.
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
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28					
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35					
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37					
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41					
42					
43					
44					
45					
46					
47					
48					
49					

Annual Report of ______________________________ Year ended December 31, 19____

INFORMATION CONCERNING OPERATION OF LICENSED PROJECTS AND THE SALE OR USE OF ENERGY PRODUCED

Give the information called for below with respect to each separate generating plant or station constituting each project. If necessary to give full and complete information attach additional sheets to this schedule and give reference thereon to the question to which such additional information relates.

QUESTION	PROJECT NUMBER AND NAME OF PLANT				
	No.______	No.______	No.______	No.______	No.______
(a)	(b)	(c)	(d)	(e)	(f)
1. Was the project or plant operated by the licensee with its own force of employees?............					
2. Was the project or plant operated by a corporation or agency other than the licensee, under lease, contract, agreement, or otherwise? If so, state particulars, or in case there was a written contract, agreement, or lease, attach a certified copy thereof............					
3. Was the energy produced by the project or plant intermingled with other electric energy produced by other generating plants of the licensee and distributed and sold by the licensee to customers or consumers after being so intermingled? If so, state whether and to what extent such other generating plants were under license............					
4. In case the energy produced by the project or plant was not intermingled, before sale or delivery, with the energy produced by other generating plants of the licensee, state whether or not any nonproject distribution or other facilities were used in making delivery of the energy generated by the project or plant............					
5. Was any or all of the energy developed by the project or plant sold or delivered, at other than tariff rates, under contract or agreement with— *(a)* Any associated corporation, concern, or individual?......					
(b) Any nonassociated corporation, concern, or individual?......					
6. The basis of computing the rate charged associated companies should be set forth in all cases............					

ENERGY GENERATED AND ENERGY DELIVERED BY LICENSED PROJECTS

Report below the kilowatt-hours of electric energy generated during the year by generating plants of each licensed project and the net amount of such energy delivered direct to customers or to nonproject lines or facilities of the licensee.

Line No.	MONTH	PROJECT NUMBER AND NAME OF PLANT				
		No.________	No.________	No.________	No.________	No.________
	(a)	(b)	(c)	(d)	(e)	(f)
1	Kilowatt-hours of energy generated (excluding station use):					
2	January					
3	February					
4	March					
5	April					
6	May					
7	June					
8	July					
9	August					
10	September					
11	October					
12	November					
13	December					
14	Total energy generated					
15	Deductions:					
16	Number of kilowatt-hours delivered to United States or others free of charge*					
17	Number of kilowatt-hours consumed in construction work for which operating expenses of the station were credited*					
18	Number of kilowatt-hours lost in transmission over project lines and facilities and energy unaccounted for*					
19	Total deductions					
20	Kilowatt-hours of energy delivered by licensed project					

*Indicate whether figures reported are actual or estimated.

VERIFICATION

The foregoing report must be verified by the oath of the officer having control of the accounting of the licensee. The oath required may be taken before any person authorized to administer an oath by the laws of the State in which the same is taken.

OATH

(To be made by the officer having control of the accounting of the licensee)

STATE OF ________________________ }
COUNTY OF ______________________ } ss:

________________________ makes oath and says that he is ________________________
(Insert here the name of the affiant) *(Insert here the official title of the affiant)*

of ____
(Insert here the exact legal title or name of the licensee)

that it is his duty to supervise the books of account of said licensee, and to control the manner in which such books are kept; that he has carefully examined schedules of this report and to the best of his knowledge and belief the information contained in said schedules is, insofar as it relates to matters of account, in accordance with the said books of account; and that he believes that all other statements of fact contained in the said schedules are true

____
(Signature of affiant)

Subscribed and sworn to before me, a ________________________, in and for the State and county above named, this ____________ day of ________________, 19____

My commission expires ________________________________ [Use an L.S. impression seal]

____
(Signature of officer authorized to administer oaths)

U.S. GOVERNMENT PRINTING OFFICE : [illegible]

F.P.C. Form No. 4

Budget Bureau No. 54-R014.5

FEDERAL POWER COMMISSION

MONTHLY POWER PLANT REPORT

INSTALLED CAPACITY — The kilowatt capacity of each plant should represent the total of manufacturers' generator nameplate ratings at end of month, exclusive of auxiliary or house units. Where a generator nameplate shows two or more kilowatt ratings, use the maximum kilowatt rating. Revise to include any additions, retirements, or re-ratings. State below or on reverse side, the kilowatt amount, nature, and approximate date of each change. New plants or existing plants acquired from others should be entered. If plant has been sold, give name and address of purchaser.

GENERATION - Report net generation (gross less use by power plant for auxiliary equipment) by water power and by Each Kind of Fuel—anthracite, bituminous or lignite coal, coke, fuel oil, natural gas, nuclear, or other (Specify). Please give estimates if exact figures are not available.

FUEL CONSUMED - Report actual or estimated amount of fuel used in generating electric energy including fuel for maintenance of standby service. Report to nearest whole unit - short ton, 42 gal. bbl., or Mcf.

FUEL STOCKS - Enter coal and fuel oil held for electric energy generation including regular stocks at plant and in cars or barges at plant site. Amounts held in central storage yards should be included with appropriate note. Report to nearest whole unit.

REPORT FOR

→ PLEASE RETURN ONE COPY BEFORE THE 10TH OF THE MONTH

PLANT NAME AND CODE NUMBERS	PRIME MOVER TYPE AND KIND OF FUEL	INSTALLED CAPACITY (MAXIMUM NAMEPLATE RATING) KILOWATTS	NET GENERATION KILOWATT-HOURS	FUEL FOR GENERATION INCLUDING STANDBY SERVICE Nearest Short Ton; 42 Gal. Bbl.; Mcf.	
				Consumed During Month	Stocks End of Month

→ PLEASE REPORT CAPACITY CHANGES - SEE INSTRUCTIONS

FPC Form 12-E
Rev (12-69)

FEDERAL POWER COMMISSION

Form Approved.
Budget Bureau No. 54-R0055

MONTHLY POWER STATEMENT

MONTHLY SUPPLEMENT TO POWER SYSTEM STATEMENT, FPC FORM NO.12

____
Full legal name and address of respondent

____
Common designation of system

If this is a pool report in accordance with instruction 3 below, list names of all systems included.

____
____
____
____
____
____

Submitted by: ______________________ ______________________ ______________________
Name and Title — Signature — Date

INSTRUCTIONS

1. The ORIGINAL AND ONE COPY of this statement should be completed and forwarded so as to reach the office of the FEDERAL POWER COMMISSION, WASHINGTON, D.C., 20426, on or before the FIFTEENTH day of each month. The second copy should be mailed to the FEDERAL POWER COMMISSION REGIONAL OFFICE with which the annual Power System Statement is filed.
2. SCHEDULES 1 AND 3 SHOULD BE COMPLETED MONTHLY. Schedules 2 and 4 need be completed ONLY in the event of changes in previously reported data.
3. Where several systems are operated under some form of power pool or common dispatching, a combined statement covering the pool operations shall be filed.
4. A brief explanation should be furnished if the extent of the system covered by this statement has been substantially affected by interconnection of isolated systems or similar change during the month.

Month of JANUARY 1970

SCHEDULE 1

For instructions, refer to Schedule 14, and related schedules of FPC Form 12.

KILOWATT-HOURS DURING MONTH

1. System net generation ______________________ (1)
2. Energy received from others (except border-line receipts) ______________________ (2)
3. Energy delivered for resale to those Class I and II systems which obtain a part of their power supply from sources other than respondent's system ______________________ (3)
4. Border-line receipts (energy received by customers of respondent directly from another system) ______________________ (4)
5. Energy delivered for resale to all systems other than those specified in item 3 ______________________ (5)
6. NET ENERGY FOR SYSTEM (Item 1 plus 2 minus 3 plus 4 minus 5) ______________________ (6)
7. NET ENERGY FOR LOAD (Item 1 plus 2 minus 3) ______________________ (7)
8. PEAK LOAD CORRESPONDING TO ITEM 7 (60 minute integrated, actual or adjusted) ________ (Date) ________ (Time) ______________________ KW (8)
9. Monthly load factor (from 7 and 8) ______________________ % (9)

SCHEDULE 2

Furnish estimates of probable loads and months of peak occurrence on the same basis as items 7, 8, and 9 of Schedule 1 above.

Period	Year	Month of Peak (1)	Energy for Load (1000 Kwh) (Monthly for Peak Months) (Annual for Calendar Years) (2)	Peak Load (Kilowatts) (3)	Monthly Load Factor Percent (4)
1. Summer	1970				
2. Winter	1970-71				
3. Summer	1971				
4. Winter	1971-72				
5. Summer	1972				
6. Winter	1972-73				
7. Summer	1973				
8. Winter	1973-74				
9. Calendar Yr. 1970		....			
10. Calendar Yr. 1971		....			
11. Calendar Yr. 1972		....			
12. Calendar Yr. 1973		....			

13. Estimates same as reported on Form 12-E for ______________________
(month) (year)

SCHEDULE 3 (All Figures in Kilowatts)

The net assured system capacity (Item 6) should be derived in the same manner as Schedule 16, FPC Form 12, to show the MAXIMUM SUMMER AND WINTER SYSTEM LOADS which could be carried with the system facilities existing at the end of the month covered by this report and firm obligations applicable to the same month, with allowance for reserve capacity theoretically required. Under "Average Water Year" report on line 8 the net dependable capacity available from system hydro plants, assuming average or median stream flow conditions. EXPLAIN FULLY THOSE ENTRIES WHICH DIFFER FROM CORRESPONDING ENTRIES OF THE PRECEDING MONTHLY STATEMENT.

	CURRENT MONTH (1)	WINTER (1969-70) (2)	SUMMER (1970) (3)
1. Net dependable capacity under adverse water conditions:			
a. System fuel plants			
b. System hydro plants			
c. System pumped storage plants			
d. Subtotal (a) plus (b) plus (c)			
2. Capacity available from firm purchases from systems included in Sch. 1, Item 2			
3. Firm obligations to systems included in Schedule 1, Item 3			
4. Net dependable capacity plus net firm purchases (1d plus 2 minus 3)			
5. Reserve capacity required:			
a. Total reserve for system 1/			
b. Available through interchange or emergency agreements 2/			
c. Reserve capacity required to be supplied by own system (a minus b)			
6. Net assured capacity (4 minus 5c)			
7. Installed capacity (name plate ratings) end of month covered by this report:			
a. System fuel plants 3/			
b. System hydro plants			
c. System pumped storage plants			
d. Subtotal (a) plus (b) plus (c)			
8. Net dependable capacity available from system hydro plants average water year (kilowatts)			

SCHEDULE 4

A. List below all SCHEDULED alterations, additions, or retirements in system generating plants, and scheduled future changes in firm purchases and obligations from amounts reported in items 2 and 3 of schedule 3 above for the current month, in accordance with contracts now in existence or expected to be negotiated. Include any revisions of dates or amounts previously reported.

	DESCRIPTION OF CHANGE (GIVE PLANT NAME, TYPE, AND LOCATION WHERE APPLICABLE) (1)	DATE (2)		NAME PLATE RATING 3/ OR FIRM POWER KILOWATTS (3)	EFFECT IN KILOWATTS ON ADVERSE YEAR NET DEPENDABLE CAPACITY (Item 4, Sch. 3)	
		EFFECTIVE MO./YR.	ENDING 4/ MO./YR.		SUMMER PEAK MONTH (4)	WINTER PEAK MONTH (5)
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						

B. In addition to the SCHEDULED items in 4-A above, list below all NON-SCHEDULED generating capacity being considered for installation to meet estimated future loads.

	GIVE TYPE OF PLANT AND APPROXIMATE LOCATION, IF KNOWN (1)	NAMEPLATE RATING OF UNIT 3/ (KILOWATTS) (2)	NUMBER OF UNITS (3)	ESTIMATED DATES	
				START CONSTRUCTION (4)	IN SERVICE (5)
1.					
2.					
3.					
4.					
5.					

1/ With pool operations, total reserve will normally be determined by a percentage of load responsibility or a predetermined share of the capability of one or more large generating units,

2/ Report in item 5b only reserve arrangements that affect the reserve required to be supplied by your own system. Do not report a figure larger than total reserve (5a) even where more reserve than required may actually be available from other systems.

3/ Maximum nameplate rating of generator.

4/ For Firm purchases or obligations.

Month of JANUARY 1970

FPC Form 1-M
Rev (12-69)

Form Approved.
Budget Bureau No. 54-R072

MUNICIPAL ELECTRIC UTILITIES
(Having Annual Electric Revenues of $250,000 or More)

ANNUAL REPORT

OF

....
(Exact legal name of respondent)

TO THE

FEDERAL POWER COMMISSION

FOR THE

YEAR ENDED .... 19........

FPC Form 1-M
Municipal utilities, annual electric
revenues of $250,000 or more

ANNUAL REPORT TO THE FEDERAL POWER COMMISSION

For the Year Ended ____________, 19 ___

OF

____
(Exact legal name of respondent)

____
(Address of principal business office at end of year)

GENERAL INSTRUCTIONS

An original and three conformed copies of this report form, completed in the best manner possible from available records and verified, shall be filed with the Federal Power Commission, Washington D.C., 20426, on or before the last day of the third month following the close of the calendar or other established fiscal year, by each municipality which is engaged in the generation, transmission or distribution of electricity, and whose annual electric operating revenues amount to $250,000 or more.

One copy of the report should be retained by the respondent in its files. The conformed copies may be carbon copies. If the respondent publishes financial and operating statements of its utility department submit three copies of such statements with this report. If the respondent maintains a one line geographic map or schematic diagram of its principal lines and substations, one copy should be submitted with this report.

Account numbers and titles used in the schedules herein relate to account numbers and titles in the Uniform System of Accounts Prescribed for Public Utilities and Licensees (Class A and Class B). A copy of this system will be furnished upon request for the information and guidance of respondent in the preparation of this annual report.

EXCERPTS FROM THE LAW

(Federal Power Act, 16 U. S. C., 791a-825r)

"Sec. 3. The words defined in this section shall have the following meanings for purposes of this Act, to wit: * * * "municipality" means a city, county, irrigation district, drainage district, or other political subdivision or agency of a State competent under the laws thereof to carry on the business of developing, transmitting, utilizing, or distributing power; * * *"

"Sec. 311. In order to secure information necessary or appropriate as a basis for recommending legislation, the Commission is authorized and directed to conduct investigations regarding the generation, transmission, distribution, and sale of electric energy, however produced, throughout the United States and its possessions, whether or not otherwise subject to the jurisdiction of the Commission, including the generation, transmission, distribution, and sale of electric energy by any agency, authority, or instrumentality of the United States, or of any State or municipality or other political subdivision of a State. It shall, so far as is practicable, secure and keep current information regarding the ownership, operation, management, and control of all facilities for such generation, transmission, distribution, and sale; the capacity and output thereof and the relationship between the two; the cost of generation, transmission, and distribution; the rates, charges, and contracts in respect of the sale of electric energy and its service to residential, rural, commercial, and industrial consumers and other purchases by private and public agencies; * * *"

GENERAL INFORMATION

1. Name, title, address and telephone number (including area code) of the person to be contacted concerning this report. ____
____

2. State the classes of utility and other services furnished by respondent during the year. ______________
____

Rev (12-69)

Annual report of Year ended ,19

BALANCE SHEET - End of Year

Line No.	Assets and Other Debits	Amount (a)	Liabilities and Other Credits	Amount (b)
1	UTILITY PLANT	$	INVESTMENT OF MUNICIPALITY & SURPLUS	$
2	Utility Plant		Investment of Municipality (c)	
3	Less Accumulated Provision for		Constructive Surplus or Deficit (d).....	
4	Deprec. & Amortization		Earned Surplus (e)	
5	Net Utility Plant		Total Investment & Surplus	
6	INVESTMENTS		LONG-TERM DEBT	
7	Nonutility Property (less Accum.		Bonds	
8	prov. for Deprec. and		Advances from Municipality (f)	
9	Amortization $ ....)		Other Long-Term Debt	
10	Advances to Municipality (a) ...		Total Long-Term Debt	
11	Investments & Special Funds ...		CURRENT AND ACCRUED LIABILITIES	
12	Total Investments		Warrants Payable	
13	CURRENT AND ACCRUED ASSETS		Notes and Accounts Payable	
14	Cash & Working Funds		Payables to Municipality (g)	
15	Temp. Cash Investments		Customer Deposits	
16	Notes & Accts. Receivable		Taxes Accrued	
17	(less Accum. Prov. for		Interest Accrued	
18	Uncoll. Accounts $............)		Misc. Current & Accrued Liabilities	
19	Receivables from Municipality (b).		Total Current & Accrued Liabilities.	
20	Materials & Supplies		DEFERRED CREDITS	
21	Prepayments		Unamortized Premium on Debt	
22	Misc. Current & Accrued Assets..		Customer Advances for Construction	
23	Total Current & Accrued Assets.		Other Deferred Credits	
24	DEFERRED DEBITS		Total Deferred Credits	
25	Unamort. Debt Discount & Expense.		OPERATING RESERVES	
26	Extraordinary Property Losses ..		Property Insurance Reserve	
27	Miscellaneous Deferred Debits ..		Injuries and Damages Reserve	
28	Total Deferred Debits		Pensions and Benefits Reserve	
29	....		Miscellaneous Operating Reserves	
30	....		Total Operating Reserves	
31	....			
32	....		CONTRIBUTIONS IN AID OF CONSTRUCTION	
33	....		Contributions in Aid of Construction ...	
34	....			
35	TOTAL ASSETS & OTHER DEBITS.		TOTAL LIABILITIES & OTHER CREDITS...	

(Footnotes on page 4).

Rev (12-69)

Annual report of Year ended ,19

CONDENSED INCOME STATEMENT - For the Year

Line No.	Item (a)	Amount (b)
	Electric utility operating income:	$
1	Operating revenues	
2	Operation expenses	
3	Maintenance expenses	
4	Depreciation and amortization	
5	Taxes and tax equivalents	
6	Total electric operating expenses	
7	Net operating revenues	
8	Income from plant leased to others	
9	Electric utility operating income	
10	Other utility operating income (utility departments other than electric - specify)	
11		
12	Total utility operating income	
13	*Other income	
14	Interest charged to construction	
15	Gross income	
	Income deductions:	
16	Interest on long-term debt	
17	*Other income deductions (see sch. pg. 4, Exp. for Cert. Civic, Political & Rel. Activities)	
18	Total income deductions	
19	Income before extraordinary items	
20	Extraordinary income (see footnote (i) page 4)	
21	Extraordinary deductions (see footnote (i) page 4)	
22	Net income	

EARNED SURPLUS

Line No.	Item (a)	Amount (b)
31	Balance beginning of year	$
32	Amount transferred from income account	
33	*Miscellaneous credits	
34		
35	Authorized cash distribution to municipality (see note (h) on page 4)	
36	*Miscellaneous debits	
37		
38	Balance end of year	

ELECTRIC SALES DATA FOR THE YEAR

Line No.	Class of Service (a)	Revenues (b)	Kilowatt-hours (c)	Avg. No. of Customers 2/ (d)
41	Residential sales	$		
	Commercial and industrial sales :			
42	Small (or Commercial) see 1/ below			
43	Large (or Industrial) see 1/ below			
44	Public street and highway lighting			
45	Other sales to ultimate consumers			
46	Total sales to ultimate consumers			
47	Sales for resale			
48	Total sales of electric energy			
49	Other electric revenues		xxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxx
50	Total electric operating revenues		xxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxx

1/ Classification of Commercial and Industrial sales according to Small (or Commercial) and Large (or Industrial) may be according to the basis of classification regularly used by the respondent. However, if such regularly used classification is based on demand and the division between small and large is in excess of 1000 kw demand then for purpose of this report the classification shall be small, 1000 kw demand or less, and large, demand in excess of 1000 kw.

2/ Number of customers should be reported on the basis of number of meters, plus number of flat rate accounts, except that where separate meter readings are added for billing purposes, one customer shall be counted for each group of meters so added. The average number of customers means the average of the 12 figures at the close of each month. If the customer count in the residential service classification includes customers counted more than once because of special services, such as water heating, etc., indicate in a footnote the number of such duplicate customers included in the classification.

* Explain significant amounts.

EXPENDITURES FOR CERTAIN CIVIC, POLITICAL AND RELATED ACTIVITIES

1. Report below all expenditures incurred by the respondent during the year for the purpose of influencing public opinion with respect to the election or appointment of public officials, referenda, legislation, or ordinances (either with respect to the possible adoption of new referenda, legislation or ordinances or repeal or modification of existing referenda, legislation or ordinances) or approval, modification, or revocation of franchises; or for the purpose of influencing the decisions of public officials, but shall not include such expenditures which are directly related to appearances before regulatory or other governmental bodies in connection with the reporting utility's existing or proposed operations.
2. Advertising expenditures included in this Schedule shall be classified according to subheadings, as follows: (a) radio, television, and motion picture advertising; (b) newspaper, magazine, and pamphlet advertising; (c) letters or inserts in customers' bills; (d) inserts in reports to stockholders; (e) newspaper and magazine editorial services; and (f) other advertising.
3. Expenditures within the definition of Instruction (1), other than advertising shall be reported according to captions or descriptions, clearly indicating the nature and purpose of the activity.
4. If respondent has not incurred any expenditures contemplated by Instruction (1), so state.
5. For reporting years which begin during the calendar year 1964 only, minor amounts may be grouped by classes if the number of items so grouped is shown.

Line No.	Item (a)	Amount (b)
1		$
2		
3		
4		
5		
6		
7		
8		
9		
10		

THE FOLLOWING EXPLANATIONS ARE FURNISHED FOR THE INFORMATION OF PERSONS NOT FAMILIAR WITH THE ACCOUNTS INDICATED.

(a) **ADVANCES TO MUNICIPALITY,** This account is designed to include the amount of loans and advances made by the utility department to the municipality or its other departments, when such loans or advances are subject to repayment but not subject to current settlement.

(b) **RECEIVABLES FROM MUNICIPALITY,** This account is designed to include all charges by the utility department against the municipality or its other departments which are subject to current settlement.

(c) **INVESTMENT OF MUNICIPALITY,** This account is designed to include the investment of the municipality in its utility department, when such investment is not subject to cash settlement on demand or at a fixed future time. Include herein the cost of debt-free utility plant constructed or acquired by the municipality and made available for use of the utility department, cash transferred to the utility department for working capital, and other expenditures of an investment nature.

(d) **CONSTRUCTIVE SURPLUS OR DEFICIT,** This account is designed to include amounts representing the exchange of services, supplies, etc., between the utility department and the municipality and its other departments without charge or at a reduced charge. Charges to this account would include utility and other services, supplies, etc., furnished by the utility department to the municipality or its other departments without charge, or the amount of the reduction if furnished at a reduced charge. Credits to the account would consist of services, supplies, office space, etc., furnished by the municipality to the utility department without charge or the amount of the reduction if furnished at a reduced charge.

(e) **EARNED SURPLUS,** This account is designed to include the balance, either debit or credit, of appropriated or unappropriated surplus of the utility department arising from earnings.

(f) **ADVANCES FROM MUNICIPALITY,** This account is designed to include the amount of loans and advances made by the municipality or its other departments to the utility department when such loans and advances are subject to repayment but not subject to current settlement.

(g) **PAYABLES TO MUNICIPALITY,** This account is designed to include amounts payable by the utility department to the municipality or its other departments which are subject to current settlement.

(h) **AUTHORIZED CASH DISTRIBUTION TO MUNICIPALITY,** This account is designed to include the cash distributions authorized to be made to the municipality out of the earned surplus of the utility department.

(i) EXTRAORDINARY INCOME (DEDUCTIONS), These accounts are designed to include those items related to transactions of a nonrecurring nature which are not typical or customary business activities of the utility and which would significantly distort the current year's net income if reported other than as extraordinary items.

SALES OF ELECTRICITY FOR RESALE

(ADP Code 041)

1. Report below the information called for concerning sales during year to other electric utilities, cooperatives, and to cities or other public authorities for distribution to ultimate consumers.
2. For each sale designate statistical classification in column (b) thus: FP, for firm power supplying total system requirements of customer or total requirements at a specific point of delivery; FP(P), for firm power supplementing customer's own generation or other purchases; O, for other power. Note: include in the O classification sales in which the power delivered cannot be classified under either of the above definitions.
3. The number of kilowatt-hours sold should be the quantities shown on the bills rendered.

Line No.	Sales to (a)	Statistical Classification (b)	Point of Delivery (c)	Voltage (d)	Kilowatt-hours (e)	Annual Maximum Demand 1/ (f)	Revenues Amount (g)	Revenues Per Kwh (h)
							$	Cents
1								
2								
3								
4								
5								
6								
7								

OPERATION AND MAINTENANCE EXPENSES

(ADP Code 050)

Line No.	Item (a)	Operation (b)	Maintenance (c)	Total (d)
	Production expenses:	$	$	$
11	Steam power generation			
12	Nuclear power generation			
13	Hydraulic power generation			
14	Other power generation (specify)			
15	Purchased power			
16	Other production expenses			
	Total production expenses:			
17	Transmission expenses			
18	Distribution expenses			
19	Customer accounts expenses			
20	Sales expenses			
21	Administrative & general expenses			
22	TOTAL ELECT. OPERATION & MAINT. EXPENSES			

PURCHASED POWER

(ADP Code 052)

1. Report below the information called for concerning power purchased for resale during the year.
2. The number of kilowatt-hours purchased should be the quantities shown on the bills rendered.
3. Interchange transactions should be reported net in this schedule whether the net is a receipt or a delivery by respondent. Indicate such transactions with an asterisk.

Line No.	Purchased From (a)	Point of Receipt (b)	Voltage (c)	Kilowatt-hours (d)	Annual Maximum Demand 1/ (e)	Cost Amount (f)	Cost Per kwh (g)
						$	Cents
31							
32							
33							
34							
35							
36							
37							
38							
39							

1/ Kw or kva (specify which).

Annual report of Year ended ,19

UTILITY PLANT

Line No.	Item (a)	Balance Beginning of Year (b)	Additions During Year (c)	Retirements During Year (d)	Transfers and Adjustments (e)	Balance End of Year (f)
	Electric Utility Plant:	$	$	$	$	$
	Electric Plant in Service:					
1	Intangible Plant					
	Production Plant:					
2	Steam Production					
3	Nuclear Production					
4	Hydraulic Production					
5	Other Production (specify)					
6	Total Production Plant					
7	Transmission Plant					
8	Distribution Plant					
9	General Plant					
10	Total Electric Plant in Service					
11	Electric Plant Leased to Others					
12	Construction Work in Progress-Electric					
13	Electric Plant Held for Future Use					
14	*Electric Plant Acquisition Adjustments					
15	Total Electric Plant					
16	Plant of Other Utility Depts. (specify)					
17						
18	Total Utility Plant					

* This account is designed to include the difference between (a) the cost to the respondent utility of electric plant acquired as an operating unit or system by purchase and (b) the depreciated original cost, estimated if not known, of such property.

ACCUMULATED PROVISIONS FOR DEPRECIATION OF UTILITY PLANT

Line No.	Name of Utility Department (a)	Balance Beginning of Year (b)	Depreciation Accruals for Year (c)	Net Charges for Plant Retired During Year (d)	Other Items Debit or Credit (Explain) (e)	Balance End of Year (f)
21	Electric	$	$	$	$	$
22	Other utility department (specify)					
23						
24						
25	Total					

LONG-TERM DEBT

Line No.	Class and Series of Obligation (a)	Nominal Date of Issue (b)	Date of Maturity (c)	Outstanding per Balance Sheet (d)	Interest for Year	
					Rate (e)	Amount (f)
				$		$
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						

TAXES, TAX EQUIVALENTS, CONTRIBUTIONS AND SERVICES DURING YEAR

1. Report below the information called for respecting contributions and services to the municipality or other government units by the electric utility and, corversely, by those bodies to the electric utility. Do not include: (a) loans and advances which are subject to repayment or which bear interest, (b) payments in retirement of loans or advances previously made, (c) contributions by the municipality of funds or property which are of the nature of investment in the electric utility department.
2. Enter in column (c) the total contributions made or received. Show in column (d) amounts included in column (c) which have been accounted for in the respondent's financial statements, i.e., balance sheet, income account, earned surplus, operating revenues, operating expenses, etc., and in column (e) show amounts which are not accounted for in respondent's financial statements. For those amounts not included in respondent's financial statements, explain in a footnote the reason for their omission.
3. Taxes included in this schedule should be limited to those amounts chargeable to operations of the electric utility department. Exclude gasoline and other sales taxes which are included in the cost of transportation and materials.
4. Tax equivalents included in this schedule should be amounts which are understood to constitute payments equivalent to or in lieu of amounts which would be paid if the electric utility department were subject to local tax levies.

Line No.	Item (a)	kwh 1,000's (b)	Amount of Contribution or Value of Services		
			Total (c)	Included in Financial Statements (d)	Not included in Financial Statements (e)
	By the Electric Utility to the Municipality or Other Government Units:		$	$	$
1	Taxes	xxxxxxxxxxxxxx			
2	Tax equivalents	xxxxxxxxxxxxxx			
3	To general funds of the municipality	xxxxxxxxxxxxxx			
4	Other (specify*)	xxxxxxxxxxxxxx			
5	....	xxxxxxxxxxxxxx			
6	Total contributions	xxxxxxxxxxxxxx			
7	Street and highway lighting				
8	Municipal pumping				
9	Other municipal light and power				
10	Other electric service				
11	Nonelectric service (specify*)..................	xxxxxxxxxxxxxx			
12	....	xxxxxxxxxxxxxx			
13	Total services				
14	Total contributions and services by the electric utility				
	By the Municipality or Other Government Units to the Electric Utility:				
15	For operations and property maintenance				
16	Other (specify*)				
17	....				
18	Total contributions				
19	Office space				
20	Water				
21	Engineering service				
22	Legal service				
23	Other service (specify*)				
24	....				
25	Total services				
26	Total contributions and services by the municipality				
27	Net Contributions and Services by the Electric Utility to the Municipality or Other Government Units (line 14 minus line 26)				

* Use insert sheet if necessary.

Rev (12-69)

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)

1 Large plants are steam plants of 25,000 kw. or more of installed capacity (name plate rating). Include gas-turbine and internal combustion plants of 10,000 kw. and more in this schedule. Include nuclear plants.

2 If any plant is leased or operated as a joint facility, indicate such facts by the use of asterisks and footnotes.

3 If net peak demand for 60 minutes is not available, give that which is available, specifying period.

4 If a group of employees attends more than one generating plant, report on line 11 the approximate average number of employees assignable to each plant.

5 If gas is used and purchased on a therm basis, the B.t.u. content of the gas should be given and the quantity of fuel burned converted to M cu. ft. (14.73 psia at 60 °F).

6 Quantities of fuel burned (line 38) and average cost per unit of fuel burned (line 41) should be consistent with charges to expense accounts 501 and 547 (line 42) as shown on line 21.

7 If more than one fuel is burned in a plant furnish only the composite heat rate for all fuels burned.

8 The items under cost of plant represents accounts or combinations of accounts prescribed by the Uniform System of Accounts. Production

Line No.	Item (a)	Plant Name: (b)			(c)		
1	Kind of plant (steam, internal combustion, gas turbine or nuclear)						
2	Type of plant construction (conventional, outdoor boiler, full outdoor, etc.)						
3	Year originally constructed						
4	Year last unit was installed						
5	Total installed capacity (maximum generator name plate ratings in kw.)						
6	Net peak demand on plant—kw. (60 minutes)						
7	Plant hours connected to load						
8	Net continuous plant capability, kilowatts:						
9	(a) When not limited by condenser water						
10	(b) When limited by condenser water						
11	Average number of employees						
12	Net generation, exclusive of plant use						
13	Cost of plant:						
14	Land and land rights						
15	Structures and improvements						
16	Equipment costs						
17	Total cost						
18	Cost per kw. of installed capacity (Line 5)						
19	Production expenses:						
20	Operation supervision and engineering						
21	Fuel						
22	Coolants and water (nuclear plants only)						
23	Steam expenses						
24	Steam from other sources						
25	Steam transferred (Cr.)						
26	Electric expenses						
27	Misc. steam power expenses (or nuclear)						
28	Rents						
29	Maintenance supervision and engineering						
30	Maintenance of structures						
31	Maintenance of boiler plant (or reactor plant)						
32	Maintenance of electric plant						
33	Maintenance of misc. steam plant (or nuclear)						
34	Total production expenses						
35	Expenses per net kwh. (Mills—2 places)						
36	Fuel: Kind	Coal	Gas	Oil	Coal	Gas	Oil
37	Unit: (Coal—tons of 2,000 lb.) (Oil—barrels of 42 gals.) (Gas—M cu. ft.) (Nuclear, indicate)						
38	Quantity (units) of fuel burned						
39	Average heat content of fuel burned (B.t.u. per lb. of coal, per gal. of oil, or per cu. ft. of gas)						
40	Average cost of fuel per unit, as delivered f.o.b. plant during year						
41	Average cost of fuel per unit burned						
42	Avg. cost of fuel burned per million B.t.u.						
43	Avg. cost of fuel burned per kwh. net gen.						
44	Average B.t.u. per kwh. net generation						

Rev. (12-67)

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)

expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses classified as "Other Power Supply Expenses."

9. For I.C. and G.T. plants report Operating Expenses, Acc'ts. Nos. 548 and 549 on line 26 "Electric Expenses," and Maintenance Acc'ts. Nos. 553 and 554 on line 32 "Maintenance of Electric Plant." Indicate plants designed for peak load service. Designate automatically operated plants.

10. If any plant is equipped with combinations of steam, hydro, internal combustion or gas turbine equipment, each should be reported as a separate plant. However, if a gas turbine unit functions in a combined cycle operation with a conventional steam unit, the gas turbine should be included with the steam plant.

11. If the respondent operates a nuclear power generating plant append: (a) a brief explanatory statement concerning accounting for the cost of power generated including any attribution of excess costs to research and development expenses; (b) a brief explanation of the fuel accounting specifying the accounting methods and types of cost units used with respect to the various components of the fuel cost, and (c) such additional information as may be informative concerning the type of plant, kind of fuel used, and other physical and operating characteristics of the plant.

(d)			(e)			(f)			Line No.
									1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
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									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
Coal	Gas	Oil	Coal	Gas	Oil	Coal	Gas	Oil	36
									37
									38
									39
									40
									41
									42
									43
									44

HYDROELECTRIC GENERATING PLANT STATISTICS (Large Plants)

1. Large plants are hydro plants of 10,000 kw. or more of installed capacity (name plate ratings).

2. If any plant is leased, operated under a license from the Federal Power Commission, or operated as a joint facility, indicate such facts by the use of asterisks and footnotes. If licensed project give project number.

3. If net peak demand for 60 minutes is not available, give that which is available, specifying period.

4. If a group of employees attends more than one generating plant, report on line 11 the approximate average number of employees assignable to each plant.

Line No	FPC Licensed Project No. and Plant Name: Item (a)	(b)	(c)
1	Kind of plant (run-of-river or storage)		
2	Type of plant construction (conventional or outdoor)		
3	Year originally constructed		
4	Year last unit was installed		
5	Total installed capacity (generator name plate ratings in kw.)		
6	Net peak demand on plant—kilowatts (60 minutes)		
7	Plant hours connected to load		
8	Net plant capability, kilowatts:		
9	(a) Under the most favorable oper. conditions		
10	(b) Under the most adverse oper. conditions		
11	Average number of employees		
12	Net generation, exclusive of plant use		
13	Cost of plant:		
14	Land and land rights		
15	Structures and improvements		
16	Reservoirs, dams, and waterways		
17	Equipment costs		
18	Roads, railroads, and bridges		
19	Total cost		
20	Cost per kw. of installed capacity (Line 5)		
21	Production expenses:		
22	Operation supervision and engineering		
23	Water for power		
24	Hydraulic expenses		
25	Electric expenses		
26	Misc. hydraulic power generation expenses		
27	Rents		
28	Maintenance supervision and engineering		
29	Maintenance of structures		
30	Maintenance of reservoirs, dams, and waterways		
31	Maintenance of electric plant		
32	Maintenance of misc. hydraulic plant		
33	Total production expenses		
34	Expenses per net kwh. (Mills—2 places)		

Rev (10-67)

HYDROELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)

5. The items under cost of plant represent accounts or combinations of accounts prescribed by the Uniform System of Accounts. Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses classified as "Other Power Supply Expenses."

6. If any plant is equipped with combinations of steam, hydro, internal combustion engine or gas turbine equipment, each should be reported as a separate plant.

(d)	(e)	(f)	Line No.
			1
			2
			3
			4
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			6
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			10
			11
			12
			13
			14
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			31
			32
			33
			34

Annual report of .... Year ended 31, 19

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)

Average Annual Heat Rates and Corresponding Net Kwh Output for Most Efficient Generating Units

1. Report only the most efficient generating units (not to exceed 10 in number) which were operated at annual capacity factors† of 50 percent or higher. List only unit type installations, i.e., single boiler serving one turbine-generator. It is not necessary to report single unit plants in this schedule. Do not include non-condensing or automatic extraction-type turbine units operated for processing steam and electric power generation.

2. Report annual system heat rate for total conventional steam-power generation and corresponding net generation (Line 11).

3. All heat rates on this page and also on page 8 and 9 should be computed on the basis of total fuel burned including burner lighting and banking fuel.

Line No.	Plant Name (a)	Unit No. (b)	MW* (c)	B.t.u. Per Net Kwh. (d)	Net Generation Million Kwh. (e)	Kind of Fuel (f)
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
	Total System Steam Plants					
11	▨	▨				▨

*Generator rating at maximum hydrogen pressure.

$$\dagger\text{Annual Unit Capacity Factor} = \frac{\text{Net Generation—Kwh:}}{\text{Unit KW. Capacity (as included in plant total—line 5, pg. 8 \& 9)} \times 8{,}760 \text{ hours}}$$

GENERATING PLANT STATISTICS (Small Plants)

1. Small generating plants are steam plants of less than 25,000 kw.; internal combustion and gas turbine-plants, conventional hydro plants and pumped storage plants of less than 10,000 kw. installed capacity (name plate rating).

2. Designate any plant leased from others, operated under a license from the Federal Power Commission, or operated as a joint facility, and give a concise statement of the facts in a footnote. If licensed project give project number in footnote.

3. List plants appropriately under subheadings for steam, hydro, nuclear, internal combustion and gas turbine plants. For nuclear, see instruction 10, page 432a.

4. If net peak demand for 60 minutes is not available, give that which is available, specifying period.

5. If any plant is equipped with combinations of steam, hydro, internal combustion or gas turbine equipment, each should be reported as a separate plant. However, if the exhaust heat from the gas turbine is utilized in a steam turbine regenerative feed water cycle, or for preheated combustion air in a boiler, report as one plant.

Line No.	Name of Plant (a)	Year Orig. Const. (b)	Installed Capacity-Name Plate Rating-KW (c)	Net Peak Demand KW (60 Min.) (d)	Net Generation Excluding Plant Use (e)	Cost of Plant (f)	Plant Cost per KW Inst. Capacity (g)	Production Expenses			Kind of Fuel (k)	Fuel Cost Cents per Million B.t.u. (l)
								Operation Exc'l. Fuel (h)	Fuel (i)	Maintenance (j)		
1												
2												
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STEAM-ELECTRIC GENERATING PLANTS

1. Include in this schedule steam-electric plants of 25,000 kw. (name plate rating) or more of installed capacity.

2. Report the information called for concerning generating plants and equipment at end of year. Show unit type installation, boiler and turbine-generator, on same line.

3. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.

4. Designate any generating plant or portion thereof for which the respondent is not the sole owner. If such property is leased from another company give name of lessor, date and term of lease, and annual rent. For any generating plant, other than a leased plant or portion thereof for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent ownership by respondent, name of co-owner, basis of sharing output, expenses or revenues, and how

Line No.	Name of Plant	Location of Plant	BOILERS				
			Number and Year Installed	Kind of Fuel and Method of Firing	Rated Pressure psig. †††††	Rated Steam Temperature* †††††	Rated Max. Continuous M lbs. Steam per Hour †††††
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1							
2							
3							
4							
5							
6							
7							
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32							
33							

Note reference:

*Indicate reheat boilers thusly, 1050/1000.

STEAM-ELECTRIC GENERATING PLANTS (Continued)

expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.

5. Designate any generating plant or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.

6. Designate any plant or equipment owned, not operated, and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

7. Include in this schedule gas-turbines operated in a combined cycle with a conventional steam unit with its associated steam unit.

TURBINE-GENERATORS**												
	TURBINES				GENERATORS						Plant Capacity, Maximum Generator Name Plate Rating††††	Line No.
					Name Plate Rating in Kilowatts							
Year Installed	Max. Rating Kilowatt †††††	Type†	Steam Pressure at Throttle psig. †††††	R.P.M.	At Minimum Hydrogen Pressure	At Maximum Hydrogen Pressure †††††	Hydrogen Pressure ††		Power Factor	Voltage K.v.†††		
							Min.	Max.				
(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	
												1
												2
												3
												4
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Note references:

**Report cross-compound turbine-generator units on two lines. H.P. section and L.P. section.

Designate units with shaft connected boiler feed pumps. Give capacity rating of pumps in terms of full load requirements.

†Indicate tandem-compound (T.C.); cross-compound (C.C.); single casing (S.C.); topping unit (T), and noncondensing (N.C.). Show back pressures.

††Designate air cooled generators.

†††If other than 3 phase, 60 cycle, indicate other characteristic.

††††Should agree with column (n)

†††††Include both ratings for the boiler and the turbine-generator of dual-rated installations.

HYDROELECTRIC GENERATING PLANTS

1. Include in this schedule Hydro plants of 10,000 kw. (name plate rating) or more of installed capacity.

2. Report the information called for concerning generating plants and equipment at end of year. Show associated prime movers and generators on the same line.

3. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.

4. Designate any plant or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and term of lease, and annual rent. For any generating plant, other than a leased plant, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement ex-

Line No.	Name of Plant (a)	Location (b)	Name of Stream (c)	WATER WHEELS			
				Attended or Unattended (d)	Type of Unit* (e)	Year Installed (f)	Gross Static Head With Pond Full (g)
1							
2							
3							
4							
5							
6							
7							
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40							

*Horizontal or vertical. Also indicate type of runner—Francis (F), fixed propeller (FP), automatically adjustable propeller (AP), Impulse (I). Designate reversible type units by appropriate footnote.

HYDROELECTRIC GENERATING PLANTS (Continued)

plaining the arrangement and giving particulars as to such matters as percent ownership by respondent, name of co-owner, basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.

5. Designate any plant or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.

6. Designate any plant or equipment owned, not operated, and not leased to another company. If such plant or equipment was not operated within the past year explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

WATER WHEELS—Continued			GENERATORS						Total Installed Generating Capacity in Kilowatts (name plate ratings) (q)	Line No.
Design Head (h)	R.P.M. (i)	Maximum hp. Capacity of Unit at Design Head (j)	Year Installed (k)	Voltage (l)	Phase (m)	Frequency or d.c. (n)	Name Plate Rating of Unit in Kilowatts (o)	Number of Units in Plant (p)		
										1
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										3
										4
										5
										6
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										8
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INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE GENERATING PLANTS

1. Include in this schedule internal-combustion engine and gas-turbine plants of 10,000 kilowatts and more.

2. Report the information called for concerning plants and equipment at end of year. Show associated prime movers and generators on same line.

3. Exclude from this schedule, plant, the book cost of which is included in Account 121, Nonutility Property.

4. Designate any plants or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and term of lease, and annual rent. For any generating plant other than a leased plant, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such

Line No	Name of Plant (a)	Location of Plant (b)	PRIME MOVERS			
			Internal-Combustion or Gas-Turbine (c)	Year Installed (d)	Cycle* (e)	Belted or Direct Connected (f)
1						
2						
3						
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Note references:

*Indicate basic cycle for gas-turbine: open or closed.

Indicate basic cycle for internal-combustion: 2 or 4.

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE GENERATING PLANTS (Continued)

matters as percent of ownership by respondent, name of co-owner, basis of sharing output, expenses, or revenues, and how expenses and/or revenues are accounted for and accounts affected. Specify if lessor, co-owner, or other party is an associated company.

5. Designate any plant or portion thereof leased to another company and give name of lessee, date and term of lease and annual rent and how determined. Specify whether lessee is an associated company.

6. Designate any plant or equipment owned, not operated, and not leased to another company. If such plant or equipment was not operated within the past year, explain whether it has been retired in the books of account or what disposition of the plant or equipment and its book cost are contemplated.

PRIME MOVERS Continued	GENERATORS						Total Installed Generating Capacity in Kilowatts (name plate ratings) (n)	Line No.
Rated hp. of Unit (g)	Year Installed (h)	Voltage (i)	Phase (j)	Frequency or d.c. (k)	Name Plate Rating of Unit in Kilowatts (l)	Number of Units in Plant (m)		
								1
								2
								3
								4
								5
								6
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CHANGES MADE OR SCHEDULED TO BE MADE IN GENERATING PLANT CAPACITIES

Give below the information called for concerning changes in electric generating plant capacities during the year

A. Generating Plants or Units Dismantled, Removed from Service, Sold, or Leased to Others During Year

Line No.	Name of plant (a)	Disposition* (b)	INSTALLED CAPACITY—KILOWATTS			Date** (f)	If sold or leased to another give name and address of purchaser or lessee (g)
			Hydro (c)	Steam (d)	(other) (e)		
1							
2							
3							
4							
5							
6							
7							

*State whether dismantled, removed from service, sold, or leased to another. Plants removed from service include those not maintained for regular or emergency service. **Date dismantled, removed from service, sold, or leased to another. Designate complete plants as such.

B. Generating Units Scheduled for or Undergoing Major Modifications

Line No.	Name of plant (a)	Character of Modification (b)	Installed Plant Capacity After Modification — Kilowatts (c)	ESTIMATED DATES OF CONSTRUCTION	
				Start (d)	Completion (e)
1					
2					
3					
4					
5					
6					
7					

C. New Generating Plants Scheduled for or Under Construction

Line No.	Plant Name and location (a)	Type* (b)	INSTALLED CAPACITY KILOWATTS		ESTIMATED DATES OF CONSTRUCTION	
			Initial (c)	Ultimate (d)	Start (e)	Completion (f)
1						
2						
3						
4						
5						
6						
7						

D. New Units in Existing Plants Scheduled for or Under Construction

Line No.	Plant Name and location (a)	Type* (b)	Unit No. (c)	Size of Unit Kilowatts (d)	ESTIMATED DATES OF CONSTRUCTION	
					Start (e)	Completion (f)
1						
2						
3						
4						
5						
6						
7						

*Hydro, pumped storage, steam, internal-combustion, gas-turbine, nuclear, etc.

TRANSMISSION LINE STATISTICS

1. Report below information requested concerning each transmission line. Show highest voltages first. If more space is required use an insert page with column headings as shown in this schedule.
2. The type of supporting structure reported in column (d) should indicate whether (1) single pole, wood or steel; (2) H-frame, wood or steel poles; (3) tower; or (4) underground construction.
3. Designate any transmission line or portion thereof for which the respondent is not the sole owner. If such property is leased from another give name of lessor.
4. Designate any transmission line leased to another and give name of lessee.

Line No.	DESIGNATION		Voltage (c)	Type of Supporting Structure (d)	LENGTH (POLE MILES)		Number of Circuits (g)	Size of Conductor and Material (h)
	From (a)	To (b)			On Structures of Line Designated (e)	On Structures of Another Line (f)		
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

TRANSMISSION LINES ADDED DURING THE YEAR

1. Report below the information called for concerning transmission lines added during the year. It is not necessary to report minor revisions of lines. If more space is required use an insert page with column headings as shown in this schedule.
2. Show each transmission line separately. If construction is underground indicate by footnote. If actual costs of completed construction are not readily available for reporting at lines 32 through 35 it is requested that estimated final completion costs be shown. Designate if estimated amounts are reported. Include costs of Clearing Land and Rights-of-Way, and Roads and Trails, at line 32 with appropriate footnote, and costs of Underground Conduit at line 33.
3. If design voltage differs from operating voltage indicate such fact by footnotes; also where line is other than 60 cycle, 3 phase indicate such other characteristic.

Line No.					
	Line designation:	xxxx	xxxx	xxxx	xxxx
21	From				
22	To				
23	Line length in miles				
	Supporting structure:	xxxx	xxxx	xxxx	xxxx
24	Type				
25	Average number per mile				
	Circuits per structure:	xxxx	xxxx	xxxx	xxxx
26	Present				
27	Ultimate				
	Conductors:	xxxx	xxxx	xxxx	xxxx
28	Size				
29	Material				
30	Configuration and spacing				
31	Voltage - kv (operating)				
	Line Cost (omit cents):	xxxx	xxxx	xxxx	xxxx
32	Land and land rights	$	$	$	$
33	Poles, towers, and fixtures ..				
34	Conductors and devices				
35	Total				

ELECTRIC ENERGY ACCOUNT

Report below the information called for concerning the disposition of electric energy generated, purchased, and interchanged during the year.

Line No.	Item (a)	Kilowatt-hours (b)
	SOURCES OF ENERGY	
	Generation (excluding station use):	
1	Steam	
2	Nuclear	
3	Hydro	
4	Other (specify)	
5	Total generation	
6	Purchases	
7	In (gross) ______ Kwh	
8	*Interchanges ______ Out (gross) ______ Kwh	
9	Net	
10	Received ______ Kwh	
11	*Transmission for/by others (wheeling) ______ Delivered ______ Kwh	
12	Net	
13	Total	
	DISPOSITION OF ENERGY	
14	Sales to ultimate consumers (including interdepartmental sales)	
15	Sales for resale	
16	Energy furnished without charge	
	Energy used by the utility (excluding station use):	
17	Electric department only (use by other departments should be accounted for as sales)	
18	Energy losses: Transmission and conversion losses	
19	Distribution losses	
20	Unaccounted for losses	
21	Total energy losses	
22	(....... percent of total energy generated, purchased and interchanged)	
23	TOTAL	

*Submit an explanatory statement of any interchange, transmission, or wheeling transaction, giving name of other party and amount of compensation for the service to or by the respondent.

ATTESTATION

The foregoing report must be attested by an authorized officer of the reporting utility.

______________________________ certifies
(Insert here the name of the attester)

that he is ______________________________
(Insert here the official title of the attester)

of ______________________________
(Insert here the exact legal title or name of respondent)

that he has examined this report; that to the best of his knowledge, information, and belief, all statements of fact contained in the said report are true and the said report is a correct statement of the business and affairs of the above-named respondent in respect to each and every matter set forth therein during the period -

________________, 19___, to and including ________________,

19___.

____
(Signature of attester)

F. P. C. Form No. 2

Form approved.
Budget Bureau No. 54-R009

NATURAL GAS COMPANIES
(Classes A and B)

ANNUAL REPORT

OF

(Exact Legal Name of Respondent)
If name was changed during year, show also the previous name and date of change

---

(Address of Principal Business Office at End of Year)

TO THE

FEDERAL POWER COMMISSION

FOR THE

YEAR ENDED DECEMBER 31, 19........

Name, title, address and telephone number (including area code), of the person to be contacted concerning this report:

....

....

FPC Form 2
Rev. (12-69)

GENERAL INSTRUCTIONS

1. An original and three conformed copies of this report form properly filled out and attested, should be filed with the Federal Power Commission, Washington, D.C. 20426, on or before the last day of the third month following the close of the calendar year or other established fiscal year, by each class A and class B natural gas company (as defined in the Uniform System of Accounts effective January 1, 1961, and Natural Gas Act). One copy of the report should be retained by the respondent in its files.

2. All accounting words and phrases that appear in this form are to be interpreted in accordance with the Uniform System of Accounts for Natural Gas Companies prescribed by the Federal Power Commission.

3. Instructions should be carefully observed and each question should be answered fully and accurately, whether it has been answered in a previous annual report or not. Where the word "none" truly and completely states the fact, it should be given to any particular inquiry. Where dates are called for, the month and day should be stated as well as the year. Customary abbreviations may be used in stating dates.

4. The notation "not applicable" should be entered upon all schedules in this form that do not apply to the respondent or the schedule may be omitted and the notation made in the List of Schedules on pages iii, iv, and v.

5. This form is designed to be filled out with a typewriter having elite-size type.

6. The original filed copy of this report shall be written or typewritten in permanent black ink. Entries of a contrary or opposite nature shall be enclosed in parentheses. The conformed copies to be filed with the original may be produced by hectograph or by any other means that provide clearly and accurately aligned impressions.

7. *Definitions.*

a. *B.t.u. per cubic foot*, where called for in this report, is that determined in accordance with the following definition:

The total heating value, expressed in B.t.u., produced by the combustion, at constant pressure, of the amount of the gas which would occupy a volume of 1 cubic foot at a temperature of 60° F. if saturated with water vapor and under a pressure equivalent to that of 30 inches of mercury at 32° F., and under standard gravitational force (980.665 cm. per sec.^{2}) with air of the same temperature and pressure as the gas, when the products of combustion are cooled to the initial temperature of gas and air when the water formed by combustion is condensed to the liquid state. (Sometimes called gross heating value or total heating value.)

b. *Commission Authorization* (abbreviated Comm. Auth.), as used in this form, means the authorization of the Federal Power Commission, or any other Commission. Name the commission whose authorization was obtained and give date of the authorization.

c. *Respondent*, wherever used in this form, refers to the entity in whose behalf the form is to be filled out and filed.

8. This form should be filled out so as to provide an annual report complete in itself. References to reports of previous years or to other reports, except as herein otherwise specifically directed or authorized, should not be made in lieu of required entries.

9. Figures of a previous year reported for comparative purposes shall agree with those shown in the annual report of that previous year, or be accompanied by an explanation of the reason why they do not agree.

10. Sheets inserted in this form to provide greater space for explanations shall be of durable paper and shall conform in size to the dimensions of the pages of this form. The inserts should be securely bound in the report. Attachment by pins or clips is unacceptable. The numbers and titles of schedules of which they are a part should appear on all insert pages.

11. Cents are to be omitted on all schedules except where they apply to averages and figures per unit where cents are important. The amounts shown on all supporting schedules shall agree with the item in the statements that they support.

12. The beginning and end of the period covered by a report for a period other than the calendar year shall be clearly stated on the front cover of the form, and throughout wherever required.

13. All gas volumes reported herein are to be stated on a pressure base of 14.73 psia and a temperature base of 60° F., pursuant to Exhibit H of Circular No. A-46 of the Bureau of the Budget issued February 15, 1966.

14. In addition to filing this report, the respondent shall also file with the Commission, immediately upon publication, four copies of its latest annual report to stockholders and of any financial or statistical report regularly prepared and distributed to bondholders, security analysis, or industry associations. (If reports to stockholders are not prepared, so state below):

....

....

15. The respondent shall file with the original and each copy of this form, or separately within 30 days after the filing date for the form, a letter or report (required by the Commission's Regulations under the Natural Gas Act) signed by independent certified public accountants or independent licensed public accountants, certified or licensed by a regulatory authority of a State or other political subdivision of the U. S., attesting to the conformity, in all material respects, of the following schedules in this report with the Commission's applicable Uniform System of Accounts and published accounting releases:

Description	Schedule Pages
Comparative Balance Sheet—Statement A	110-111
Notes to Balance Sheet	112
Summary of Utility Plant and Accumulated Provisions for Depreciation, Amortization and Depletion—Statement B	113
Statement of Income—Statement C	114-115
Notes to Statement of Income	116
Statement of Earned Surplus—Statement D	117
Materials and Supplies	207
Plant Materials and Operating Supplies	208
Prepayments	210
Long-Term Debt	219
Reconciliation of Reported Net Income With Taxable Income For Federal Income Taxes	223
Accumulated Deferred Income Taxes	227
Common Utility plant and Expenses	351
Distribution of Salaries and Wages	355-356
Gas Plant in Service	501-504
Gas Plant Held for Future Use	506
Construction Work in Progress and Completed Construction not Classified (Column (d) excluded)	507
Accumulated Provisions for Depreciation of Gas Plant	508
Gas Operating Revenues (Columns (f) through (i) excluded)	514
Gas Operation and Maintenance Expenses	527-532
Depreciation, Depletion and Amortization of Gas Plant	545

ADDITIONAL COPIES
OF THIS FORM MAY BE PROCURED FROM THE
FEDERAL POWER COMMISSION
WASHINGTON, D.C. 20426

Price $1.75

GENERAL INSTRUCTIONS (Continued)

The letter or report shall be in the following form unless unusual circumstances or conditions, explained in the letter or report, demand that it be varied:

In Connection with our regular examination of the finan-

cial statements of for the year ended ,

on which we have reported separately under date of ,

we have also reviewed schedules of Form 2 for the year filed with the Federal Power Commission, for conformity in all material respects with the requirements of the Federal Power Commission as set forth in its applicable Uniform System of Accounts and published accounting releases. Our review for this purpose included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

Based on our review, in our opinion the accompanying schedules identified in the preceding paragraph (except as noted below)* conform in all material respects with the accounting requirements of the Federal Power Commission as set forth in its applicable Uniform System of Accounts and published accounting releases.

The letter or report shall state, additionally, which, if any, of the schedules set forth above do not conform to the Commission's requirements, and shall describe the discrepancies that exist.

*Parenthetical phrase inserted only when exceptions are to are to be reported.

EXCERPTS FROM THE LAW

(Natural Gas Act, 15 U. S. C. 717-717w)

"Sec. 10 *(a)*. Every natural-gas company shall file with the Commission such annual and other periodic or special reports as the Commission may by rules and regulations or order prescribe as necessary or appropriate to assist the Commission in the proper administration of this act. The Commission may prescribe the manner and form in which such reports shall be made, and require from such natural-gas companies specific answers to all questions upon which the Commission may need information. The Commission may require that such reports shall include, among other things, full information as to assets and liabilities, capitalization, investment and reduction thereof, gross receipts, interest due and paid, depreciation, amortization, and other reserves, costs of facilities, cost of maintenance and operation of facilities for the production, transportation, or sale of natural gas, cost of renewal and replacement of such facilities, transportation, delivery, use, and sale of natural gas. * * *"

"Sec. 16. The Commission shall have power to perform any and all acts, and to prescribe, issue, make, amend, and rescind such orders, rules, and regulations as it may find necessary or appropriate to carry out the provisions of this act. Among other things, such rules and regulations may define accounting, technical, and trade terms used in this act; and may prescribe the form or forms of all statements declarations, applications, and reports to be filed with the Commission, the information which they shall contain, and time within which they shall be filed. * * *"

GENERAL PENALTIES

"Sec. 21 *(b)*. Any person who willfully and knowingly violates any rule, regulation, restriction, condition, or order made or imposed by the Commission under authority of this act, shall, in addition to any other penalties provided by law, be punished upon conviction thereof by a fine of not exceeding $500 for each and every day during which such offense occurs."

LIST OF SCHEDULES (Natural Gas Company)

Designate in column (d) by the terms "none" or "not applicable," as appropriate, in instances where no information or amounts have been reported in certain schedules. Pages may be omitted where the responses are "none" or "not applicable" to the schedules on such pages.

Title of Schedule (a)	Schedule Page No. (b)	Date Revised (c)	Remarks (d)
GENERAL CORPORATE INFORMATION AND SUMMARY FINANCIAL STATEMENTS			
General Information	101	Dec. 69	
Control Over Respondent	102	Oct. 1966	
Corporations Controlled by Respondent	103		
Officers	104		
Directors	105		
Security Holders and Voting Power	106–107		
Important Changes During the Year	108–109		
Comparative Balance Sheet—Statement A	110–111	Dec. 69	
Notes to Balance Sheet—Statement A (Continued)	112		
Summary of Utility Plant and Accumulated Provisions for Depreciation, Amortization, and Depletion—Statement B	113		
Statement of Income and Earned Surplus for the Year—Statement C	114–115	Oct. 1966	
Notes to Statement of Income and Earned Surplus—Statement C (Continued)	116	Dec. 1964	
Statement of Earned Surplus—Statement D	117	Dec. 1964	
BALANCE SHEET SUPPORTING SCHEDULES			
Nonutility Property	201	Dec. 69	
Accumulated Provision for Depreciation and Amortization of Nonutility Property	201	Dec. 69	
Investments	202		
Notes and Accounts Receivable	204	Dec. 1965	
Accumulated Provisions for Uncollectible Accounts—Cr.	204		
Receivables from Associated Companies	206		
Materials and Supplies	207	Dec. 69	
Gas Stored Underground	207A	Dec. 1966	
Production Fuel and Oil Stocks	209	Dec. 69	
Prepayments	210	Oct. 1968	
Miscellaneous Current and Accrued Assets	210	Oct. 68	
Extraordinary Property Losses	210	Oct. 68	
Prepaid Gas Purchases Under Purchase Agreements	210A	Oct. 1968	
Advance Payments for Gas Prior to Initial Deliveries or Commission Certification	210B	Dec. 68	
Unamortized Debt Disc. and Exp. and Unamort. Premium on Debt	211		
Preliminary Survey and Investigation Charges	212		
Miscellaneous Deferred Debits	214	Dec. 69	
Deferred Regulatory Commission Expenses	214	Dec. 69	
Capital Stock	215		
Capital Stock Subscribed, Capital Stock Liability for Conversion, Premium on Capital Stock, and Installments Received on Capital Stock	216		
Other Paid-In Capital	217		

LIST OF SCHEDULES (Natural Gas Company) (Continued)

Title of Schedule (a)	Schedule Page No (b)	Date Revised (c)	Remarks (d)
BALANCE SHEET SUPPORTING SCHEDULES (Continued)			
Discount on Capital Stock	218		
Capital Stock Expense	218		
Long-Term Debt	219		
Securities Issued or Assumed and Securities Refunded or Retired During the Year	220		
Notes Payable	221		
Payables to Associated Companies	221		
Accrued and Prepaid Taxes	222		
Reconciliation of Reported Net Income with Taxable Income for Federal Income Taxes	223		
Miscellaneous Current and Accrued Liabilities	224		
Customer Advances for Construction	224		
Other Deferred Credits	225	Jul. 1965	
Undelivered Gas Obligations Under Sales Agreements	225A	Jul. 1965	
Operating Reserves	226		
Contributions in Aid of Construction	226		
Accumulated Deferred Income Taxes	227		
Investment Tax Credits Generated and Utilized	228	Oct. 1967	
Accumulated Deferred Investment Tax Credits	229	Oct. 1966	
INCOME ACCOUNT SUPPORTING SCHEDULES			
Income from Utility Plant Leased to Others	301		
Particulars Concerning Certain Other Income Accounts	303		
Particulars Concerning Certain Income Deduction and Interest Charges Accounts	304	Dec. 1964	
Expenditures for Certain Civic, Political and Related Activities	305	Dec. 1964	
COMMON SECTION			
Common Utility Plant and Expenses	351		
Taxes Charged During Year	352		
Regulatory Commission Expenses	353		
Charges for Outside Professional and Other Consultative Services	354	Dec. 69	
Distribution of Salaries and Wages	355-356	Dec. 1964	
GAS PLANT, SALES, OPERATING AND STATISTICAL DATA			
Gas Plant in Service	501-502 503-504		
Gas Plant Leased to Others	505		
Gas Plant Held for Future Use	506	Dec. 1965	
Construction Work in Progress and Completed Construction Not Classified—Gas	507		
Accumulated Provisions for Depreciation of Gas Plant	508		
Accumulated Provision for Amortization and Depletion of Producing Natural Gas Land and Land Rights	509	Dec. 69	
Accumulated Provision for Amortization of Underground Storage Land and Land Rights	510	Dec. 69	
Accumulated Provisions for Amortization of Other Gas Plant in Service, Amortization and Depletion of Gas Plant Leased to Others, Amortization of Other Gas Plant Held for Future Use	511		

LIST OF SCHEDULES (Natural Gas Company) (Continued)

GAS PLANT, SALES, OPERATING AND STATISTICAL DATA (Continued)

Title of Schedule (a)	Schedule Page No. (b)	Date Revised (c)	Remarks (d)
Accumulated Provision for Abandoned Leases	512		
Gas Plant Acquisition Adjustments and Accumulated Provision for Amortization of Gas Plant Acquisition Adjustments	513		
Gas Operating Revenues	514	Dec. 69	
Unauthorized Overrun Penalties and Waivers of Penalties	515		
Sales of Natural Gas by Communities	516–517	Dec. 1967	
Residential and Commercial Space Heating Customers	518	Dec. 1966	
Interruptible, Off Peak, and Firm Sales to Distribution System Industrial Customers	518	Dec. 1966	
Field and Main Line Industrial Sales of Natural Gas	519–520	Oct. 1966	
Sales for Resale—Natural Gas	521–522	Oct. 1966	
Interdepartmental Sales—Natural Gas	523	Dec. 1966	
Rent from Gas Property and Interdepartmental Rents	523		
Revenue from Transportation of Gas of Others—Natural Gas	524	Oct. 1966	
Sales of Products Extracted from Natural Gas	525		
Revenues from Natural Gas Processed by Others	525	Dec. 1966	
Incidental Gasoline and Oil Sales and Other Gas Revenues	526		
Gas Operation and Maintenance Expenses	527–532		
Number of Gas Department Employees	532		
Rents Charged	533	Dec. 69	
Exploration and Development Expenses	534		
Abandoned Leases	534		
Gas Purchases	535–536	Dec. 1967	
Exchange Gas Transactions	537	Dec. 1966	
Exchange Gas Accounting	538	Dec. 69	
Gas Used in Utility Operations—Credit	539	Dec. 1966	
Other Gas Supply Expenses	540		
Transmission and Compression of Gas by Others	541	Dec. 1966	
Franchise Requirements	542	Dec. 1966	
Miscellaneous General Expenses (Gas)	543	Dec. 1967	
Construction Overheads—Gas	543		
General Description of Construction Overhead Procedure	544		
Depreciation, Depletion, and Amortization of Gas Plant	545–546		
Natural Gas Reserves and Land Acreage	547	Dec. 69	
Natural Gas Reserves and Land Acreage (Cont'd)	548	Dec. 69	
Changes in Estimated Natural Gas Reserves	549	Dec. 1966	
Natural Gas Reserves Available from Purchase Agreements	550–551	Dec. 1966	
Natural Gas Production Statistics	552–553	Oct. 1966	
Products Extraction Operations—Natural Gas	554–555	Oct. 1966	
Compressor Stations	556–557	Dec. 1966	
Number of Gas and Oil Wells	558	Dec. 69	
Field and Storage Lines	559	Dec. 69	
Underground Gas Storage	560–561	Oct. 1966	
Transmission Lines	562		
Manufactured Gas Production Statistics	563	Oct. 1966	
Liquefied Petroleum Gas Operations	564	Oct. 1966	
Transmission System Peak Deliveries	565	Dec. 1966	
Auxiliary Peaking Facilities	566	Oct. 1966	
Gas Account—Natural Gas	568–569	Oct. 1966	
Pipeline System Accidents and Failures	570	Sep. 1966	
System Map	571		
Research and Development Activities	572		
Attestation	573	Dec. 1965	

GENERAL INFORMATION

1. Name and title of officer having custody of the general corporate books of account and address of office where the general corporate books are kept, and address of office where any other corporate books of account are kept, if different from that at which the general corporate books are kept.

2. Name of State under the laws of which respondent is incorporated and date of incorporation. If incorporated under a special law, give reference to such law. If not incorporated, state that fact and give the type of organization and date organized.

3. If at any time during the year the property of respondent was held by a receiver or trustee, give (a) name of receiver or trustee, (b) date such receiver or trustee took possession, (c) the authority by which the receivership or trusteeship was created, and (d) date when possession by receiver or trustee ceased.

4. State the classes of utility and other services furnished by respondent during the year in each State in which the respondent operated.

5. State below each class of security of the respondent which is registered on a national securities exchange or is to become so registered upon notice of issuance. Give, (a) exact title of each class of securities, (b) amount of issued securities registered, (c) amount of unissued securities to become registered upon notice of issuance, and (d) name of each exchange upon which registered or to become registered. Explain briefly if the amounts of issued securities differ from the amounts shown by the respondent's balance sheet.

CONTROL OVER RESPONDENT

If any corporation, business trust, or similar organization or combination of such organizations jointly held control over the respondent at end of year, state name of controlling corporation or organization, manner in which control was held and extent of control. If control was in a holding company organization, show the chain of ownership or control to the main parent company or organization. If control was held by a trustee(s), state name of trustee(s), name of beneficiary or beneficiaries for whom trust was maintained, and purpose of the trust. If other companies are controlled by the organization which holds control over the respondent, list the names of such companies and the kind of business each is engaged in.

Rev. (10-46)

CORPORATIONS CONTROLLED BY RESPONDENT

1. Report below the names of all corporations, business trusts, and similar organizations, controlled directly or indirectly by respondent at any time during the year. If control ceased prior to end of year, give particulars in a footnote.

2. If control was by other means than a direct holding of voting rights, state in a footnote the manner in which control was held, naming any intermediaries involved.

3. If control was held jointly with one or more other interests, state the fact in a footnote and name the other interests.

Name of Company Controlled (a)	Kind of Business (b)	Percent Voting Stock Owned (c)	Footnote Ref. (d)

DEFINITIONS

1. See the Uniform System of Accounts for a definition of control.

2. Direct control is that which is exercised without interposition of an intermediary.

3. Indirect control is that which is exercised by the interposition of an intermediary which exercises direct control.

4. Joint control is that in which neither interest can effectively control or direct action without the consent of the other, as where the voting control is equally divided between two holders, or each party holds a veto power over the other. Joint control may exist by mutual agreement or understanding between two or more parties who together have control within the meaning of the definition of control in the Uniform System of Accounts, regardless of the relative voting rights of each party.

OFFICERS

1. Report below the name, title, office address, and salary for the year of each general officer of the respondent. Report the information also for each other employee whose annual salary is $15,000* or more. The information required by this schedule may be omitted for assistant general officers whose duties do not embrace important executive or policy functions, and whose salaries are less than $15,000* per year. (*$25,000, if respondent's annual operating revenues are $25,000,000 or more.)

2. If any officer or other employee reported in this schedule received remuneration from respondent, directly or indirectly, other than the salary reported in column (d), such as commissions, bonuses, shares in profits, moneys paid, set aside or accrued pursuant to any pension, retirement, savings or similar plan *(exclusive of plans qualified under Section 401 of the Internal Revenue Code of 1954)* including premiums paid for retirement annuities, or life insurance where the respondent is not the beneficiary, or any other advantageous arrangement which constitutes a form of compensation, give the essentials of the plan not previously reported, the basis of determining the ultimate benefits receivable, and the payments or provisions made during the year with respect to each person reported herein. If the word 'none' correctly states the facts with respect to the matters referred to in this instruction, so state ....

3. State the annual benefits estimated to be payable to each of the three highest paid officers named herein in the event of retirement at normal retirement date pursuant to any pension or retirement plan.

....

....

....

4. Describe all transactions since the beginning of the year in which any person who was an officer of the respondent at any time during the year received remuneration, directly or indirectly, from the respondent in the form of securities, options, warrants, rights or other property, or through the exercise or disposition thereof. As to options, warrants or rights granted or extended, give the information under this caption on page 106. If the response "none" correctly states the facts with respect to the matters referred to in this instruction, so state........

5. State briefly any arrangement under which any officer is insured or indemnified against liability which he may incur in his capacity as an officer. If there are no such arrangements, so state........

6. If a change was made during the year in the incumbent of any position, show name and address and total remuneration of the previous incumbent and date change in incumbency was made.

7. Utilities which are not required to file copies of this report with the Securities and Exchange Commission may omit the data called for by instructions 2, 3, 4, and 5. Omission of responses to such instructions for this reason should be stated.

Title (a)	Name of Officer (b)	Principal Business Address (City and State) (c)	Salary for Year (d)
			$

DIRECTORS

1. Report below the information called for concerning each director of the respondent who held office at any time during the year. Include in column (a), abbreviated titles of the directors who are officers of the respondent.

2. If any of the instructions 2, 3, 4, or 5 of the schedule, Officers, page 104 hereof, is applicable with respect to any director who is not an officer, furnish responses concerning the matters referred to in those instructions. If the matters referred to in those instructions are not applicable, or if the reporting of this information is not required by reason of Instruction 7 of page 104, so state ....

3. Members of the Executive Committee should be designated by an asterisk and the Chairman of the Executive Committee by a double asterisk.

Name of Director (a)	Principal Business Address (b)	Term Began (c)	Term Expires (d)	Directors' Meetings Attended During Year (e)	Fees During Year (f)
					$

SECURITY HOLDERS AND VOTING POWERS

1. (A) Give the names and addresses of the 10 security holders of the respondent who, at the date of the latest closing of the stock book or compilation of list of stockholders of the respondent, prior to the end of the year, had the highest voting powers in the respondent, and state the number of votes which each would have had the right to cast on that date if a meeting were then in order. If any such holder held in trust, give in a footnote the known particulars of the trust (whether voting trust, etc.), duration of trust, and principal holders of beneficiary interests in the trust. If the stock book was not closed or a list of stockholders not compiled within one year prior to the end of the year, or if since the previous compilation of a list of stockholders, some other class of security has become vested with voting rights, then show such 10 security holders as of the close of the year. Arrange the names of the security holders in the order of voting power, commencing with the highest. Show in column (a) the titles of officers and directors included in such list of 10 security holders.

(B) Give also the voting powers resulting from ownership of securities of the respondent of each officer and director not included in the list of 10 largest security holders.

2. If any security other than stock carries voting rights, explain in a supplemental statement the circumstances whereby such security became vested with voting rights and give other important particulars concerning the voting rights of such security. State whether voting rights are actual or contingent and if contingent describe the contingency.

3. If any class or issue of security has any special privileges in the election of directors, trustees or managers, or in the determination of corporate action by any method, explain briefly.

4. Furnish particulars concerning any options, warrants, or rights outstanding at the end of the year for others to purchase securities of the respondent or any securities or other assets owned by the respondent, including prices, expiration dates, and other material information relating to exercise of the options, warrants, or rights. Specify the amount of such securities or assets so entitled to be purchased by any officer, director, associated company, or any of the ten largest security holders. This instruction is inapplicable to convertible securities or to any securities substantially all of which are outstanding in the hands of the general public where the options, warrants, or rights were issued on a prorata basis.

5. Give date of the latest closing of the stock book prior to end of year, and state the purpose of such closing ....

6. State the total number of votes cast at the latest general meeting prior to the end of year for election of directors of the respondent and number of such votes cast by proxy ....

Total ....

By proxy ....

7. Give the date and place of such meeting ....

Line No.	Name and Address of Security Holder (a)	VOTING SECURITIES			
		Number of votes as of			
		Total Votes (b)	Common Stock (c)	Preferred Stock (d)	Other (e)
1	Total votes of all voting securities				
2	Total number of security holders				
3	Total votes of security holders listed below				
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

Line No	Name and Address of Security Holder (a)	Total Votes (b)	Common Stock (c)	Preferred Stock (d)	Other (e)
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
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34					
35					
36					
37					
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39					
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41					
42					
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47					
48					
49					
50					
51					
52					
53					

IMPORTANT CHANGES DURING THE YEAR

Hereunder give particulars concerning the matters indicated below. Make the statements explicit and precise and number them in accordance with the inquiries. Each inquiry should be answered. If "none" or "not applicable" states the fact, that response should be made. If information which answers an inquiry is given elsewhere in the report, reference to the schedule in which it appears will be sufficient.

1. Changes in and important additions to franchise rights: Describe the actual consideration given therefor and state from whom the franchise rights were acquired. If acquired without the payment of consideration state that fact.

2. Acquisition of ownership in other companies; reorganization, merger, or consolidation with other companies: Give names of companies involved, particulars concerning the transactions, name of the Commission authorizing the transaction, and reference to Commission authorization.

3. Purchase or sale of an operating unit or system: Give a brief description of the property, and of the transactions relating thereto, and reference to Commission authorization, if any was required. Give date journal entries called for by the Uniform System of Accounts were submitted to the Commission.

4. Important leaseholds (other than leaseholds for natural gas lands) that have been acquired or given, assigned or surrendered: Give effective dates, lengths of terms, names of parties, rents, and other conditions. State name of Commission authorizing lease and give reference to such authorization.

5. Important extension or reduction of transmission or distribution system: State territory added or relinquished and date operations began or ceased and give reference to Commission authorization, if any was required. State also the approximate number of customers added or lost and approximate annual revenues of each class of service. Each natural gas company also shall state major new continuing sources of gas made available to it from purchases, development, purchase contract, or otherwise, giving location and approximate total gas volumes available, period of contracts, and other parties to any such arrangements etc.

6. Estimated increase or decrease in annual revenues due to important rate changes: State effective date and approximate amount of increase or decrease for each revenue classification and the number of customers affected.

7. Obligation incurred or assumed by respondent as guarantor for the performance by another of any agreement or obligation, excluding ordinary commercial paper maturing on demand or not later than one year after date of issue: State on behalf of whom the obligation was assumed and amount of the obligation. Give reference to Commission authorization if any was required.

8. Changes in articles of incorporation or amendments to charter: Explain the nature and purpose of such changes or amendments.

9. State the estimated annual effect and nature of any important wage scale changes during the year.

10. State briefly the status of any materially important legal proceedings pending at the end of the year, and the results of any such proceedings culminated during the year.

11. Describe briefly any materially important transactions of the respondent not disclosed elsewhere in this report in which an officer, director, security holder reported on page 106, voting trustee, associated company or known associate of any of these persons was a party or in which any such person had a material interest.

IMPORTANT CHANGES DURING THE YEAR (Continued)

Annual report of

Year ended December 31, 19

STATEMENT A

COMPARATIVE BALANCE SHEET
Assets and Other Debits

Line No.	Title of Account (a)	Page No. (b)	Balance Beginning of Year (c)	Balance End of Year (d)	Increase or (Decrease) (e)
1	UTILITY PLANT*		$	$	$
2	Utility Plant (101-107, 114)	113			
3	Less Accumulated Provision for Deprec., Amort., and Depletion (108-113, 115)	113			
4	Net Utility Plant	113			
5	Gas Stored Underground—Noncurrent (117)	207A			
6	Utility Plant Adjustments (116)	112			
7	OTHER PROPERTY AND INVESTMENTS				
8	Nonutility Property (121) (less Accum. Prov. for Depr. & Amort. incl. in (122) $..............)	201			
9	Investment in Associated Companies (123)	202			
10	Other Investments (124)	202			
11	Special Funds (125, 126, 127, 128)	—			
12	Total Other Property and Investments				
13	CURRENT AND ACCRUED ASSETS				
14	Cash (131)	—			
15	Special Deposits (132, 133, 134)	—			
16	Working Funds (135)	—			
17	Temporary Cash Investments (136)	202			
18	Notes and Accounts Receivable (less Accumulated Provision for Uncoll. Accts.) (141-144)	204			
19	Receivables from Assoc. Companies (145, 146)	206			
20	Materials and Supplies (151-159, 163)	207			
21	Gas Stored Underground—Current (164)	207A			
22	Prepayments (165)	210			
23	Interest and Dividends Receivable (171)	—			
24	Rents Receivable (172)	—			
25	Accrued Utility Revenues (173)	—			
26	Misc. Current and Accrued Assets (174)	210			
27	Total Current and Accrued Assets				
28	DEFERRED DEBITS				
29	Unamort. Debt Discount and Expense (181)	211			
30	Extraordinary Property Losses (182)	210			
31	Prelim. Survey and Investigation Charges (183)	212			
32	Clearing Accounts (184)	—			
33	Temporary Facilities (185)	—			
34	Miscellaneous Deferred Debits (186)	214			
35	Total Deferred Debits				
36	Total Assets and Other Debits				

* These accounts are conformed to NARUC accounts in which amounts recorded in FPC accounts 118 and 119 are classified in the accounts indicated under this caption

Annual report of

Year ended December 31, 19

COMPARATIVE BALANCE SHEET

Liabilities and Other Credits

STATEMENT A

Line No.	Title of Account (a)	Page No. (b)	Balance Beginning of Year (c)	Balance End of Year (d)	Increase or (Decrease) (e)
1	PROPRIETARY CAPITAL		$	$	$
2	Common Stock Issued (201)	215			
3	Preferred Stock Issued (204)	215			
4	Capital Stock Subscribed (202, 205)	216			
5	Stock Liability for Conversion (203, 206)	216			
6	Premium on Capital Stock (207)	216			
7	Other Paid-In Capital (208-211)	217			
8	Installments Received on Capital Stock (212)	216			
9	Discount on Capital Stock (213)	218	( )	( )	
10	Capital Stock Expense (214)	218	( )	( )	
11	Earned Surplus (215, 216)	117			
12	Reacquired Capital Stock (217)	215	( )	( )	
13	Total Proprietary Capital				
14	LONG-TERM DEBT				
15	Bonds (221) (less $........... reacquired (222))	219			
16	Advances from Assoc. Companies (223)	219			
17	Other Long-Term Debt (224)	219			
18	Total Long-Term Debt				
19	CURRENT AND ACCRUED LIABILITIES				
20	Notes Payable (231)	221			
21	Accounts Payable (232)	—			
22	Payables to Assoc. Companies (233, 234)	221			
23	Customer Deposits (235)	—			
24	Taxes Accrued (236)	222			
25	Interest Accrued (237)	—			
26	Dividends Declared (238)	—			
27	Matured Long-Term Debt (239)	—			
28	Matured Interest (240)	—			
29	Tax Collections Payable (241)	—			
30	Misc. Current and Accrued Liabilities (242)	224			
31	Total Current and Accrued Liabilities				
32	DEFERRED CREDITS				
33	Unamortized Premium on Debt (251)	211			
34	Customer Advances for Construction (252)	224			
35	Accumulated Deferred Investment Tax Credits(255)	229			
36	Other Deferred Credits (253)	225			
37	Total Deferred Credits				
38	OPERATING RESERVES				
39	Property Insurance Reserve (261)	226			
40	Injuries and Damages Reserve (262)	226			
41	Pensions and Benefits Reserve (263)	226			
42	Amortization Reserve—Federal (264)	226			
43	Miscellaneous Operating Reserves (265)	226			
44	Total Operating Reserves				
45	CONTRIBUTIONS IN AID OF CONSTRUCTION				
46	Contributions in Aid of Construction (271)	226			
47	ACCUMULATED DEFERRED INCOME TAXES				
48	Accumulated Deferred Income Taxes:				
49	Accelerated Amortization (281)	227			
50	Liberalized Depreciation (282)	227			
51	Other (283)	227			
52	Total Accumulated Deferred Income Taxes				
53	Total Liabilities and Other Credits				

STATEMENT A
(Continued)

NOTES TO BALANCE SHEET

1. The space below is provided for important notes regarding the balance sheet or any account thereof.

2. Furnish particulars as to any significant contingent assets or liabilities existing at end of year, including brief explanation of any action initiated by the Internal Revenue Service involving possible assessment of additional income taxes of material amount, or of a claim for refund of income taxes of a material amount initiated by the utility. Give also a brief explanation of any dividends in arrears on cumulative preferred stock.

3. For Account 116, Utility Plant Adjustments, explain the origin of such amount, debits and credits during the year, and plan of disposition contemplated, giving references to Commission orders or other authorizations respecting classification of amounts as plant adjustments and requirements as to disposition thereof.

4. Give a concise explanation of any surplus restriction and state the amount of surplus affected by such restriction.

5. If the notes to balance sheet relating to the respondent company appearing in the annual report to the stockholders are applicable in every respect and furnish the data required by Instructions 2, 3, and 4 above, such notes may be attached hereto.

Annual report of ....

Year ended December 31, 19....

STATEMENT B — SUMMARY OF UTILITY PLANT AND ACCUMULATED PROVISIONS FOR DEPRECIATION, AMORTIZATION AND DEPLETION

Line No.	Item (a)	Total (b)	Electric (c)	Gas (d)	(e)	(f)	Common* (g)
1	UTILITY PLANT	$	$	$	$	$	$
2	In Service:						
3	Plant in Service (Classified)						
4	Plant Purchased or Sold						
5	Completed Construction not Classified						
6	In Process of Reclassification						
7	Total						
8	Leased to Others						
9	Held for Future Use						
10	Construction Work in Progress						
11	Acquisition adjustments						
12	Total Utility Plant						
13	Accum. Prov. for Depr., Amort., & Depl.						
14	Net Utility Plant						
15	DETAIL OF ACCUMULATED PROVISIONS FOR DEPRECIATION, AMORTIZATION, & DEPLETION						
16	In Service:						
17	Depreciation						
18	Amort. and Depl. of Producing Natural Gas Land and Land Rights						
19	Amort. of Underground Storage Land and Land Rights						
20	Amort. of Other Utility Plant						
21	Total, in Service						
22	Leased to Others:						
23	Depreciation						
24	Amortization and Depletion						
25	Total, Leased to Others						
26	Held for Future Use:						
27	Depreciation						
28	Amortization						
29	Total, Held for Future Use						
30	Abandonment of Leases (natural gas)						
31	Amort. of Plant Acquisition Adj.						
32	Total Accumulated Provisions (should agree with line 13 above)						

* See page 351 for detail of common utility plant and expenses.

Annual report of .... Year ended December 31, 19

STATEMENT C STATEMENT OF INCOME AND EARNED SURPLUS FOR THE YEAR

Explain if the increases and decreases are not derived from previously reported figures.

Line No.	Account (a)	Sch. Page No. (b)	TOTAL Current year (c)	TOTAL Increase or decrease from preceding year (d)	ELECTRIC Current year (e)
1	UTILITY OPERATING INCOME		$	$	$
2	Operating Revenues (400)				
3	Operating Expenses:				
4	Operation Expense (401)				
5	Maintenance Expense (402)				
6	Depreciation Expense (403)				
7	Amort. and Depl. of Utility Plant (404 and 405)*				
8	Amort. of Util. Plant Acq. Adj. (406)				
9	Amort. of Property Losses (407.1)				
10	Amort. of Conversion Expenses (407.2)				
11	Taxes Other Than Income Taxes (408)	352			
12	Income Taxes—Federal (409)	352			
13	—Other (409)	352			
14	Provision for Deferred Inc. Taxes (410)	227	( )		( )
15	Income Taxes Def. in Prior Years—Cr. (411)	227			
16	Investment Tax Credit Adjustments—(Net) (411.1)	228-9			
17	Total Operating Expenses				
18	Net Operating Revenues				
19	Income from Util. Plant Leased to Others (412, 413)	301			
20	Total Utility Operating Income				
21	OTHER INCOME				
22	Merchandising, Jobbing & Contract Income (415, 416)				
23	Income from Nonutility Operations (417)	303			
24	Nonoperating Rental Income (418)	303			
25	Interest and Dividend Income (419)	303			
26	Investment Tax Credits (420)*	228-9			
27	Miscellaneous Nonoperating Income (421)	303			
28	Total Other Income				
29	Total Income				
30	MISCELLANEOUS INCOME DEDUCTIONS				
31	Miscellaneous Amortization (425)	304			
32	Other Income Deductions (426)	304			
33	Total Income Deductions				
34	Income Before Interest Charges				
35	INTEREST CHARGES				
36	Interest on Long-Term Debt (427)				
37	Amort. of Debt Disc. and Expense (428)	211			
38	Amort. of Prem. on Debt—Credit (429)	211	( )		
39	Int. on Debt to Assoc. Companies (430)	304			
40	Other Interest Expense (431)	304	( )		
41	Int. Charged to Constr.—Credit (432)				
42	Total Interest Charges				
43	Net Income				
44	EARNED SURPLUS				
45	Unappropriated Earned Surplus (beg. of period) (216)	117			
46	Balance Transferred from Income (433)				
47	Miscellaneous Credits to Surplus (434)	117	( )		
48	Miscellaneous Debits to Surplus (435)	117	( )		
49	Appropriations of Surplus (436)	117			
50	Net Additions to Unappropriated Earned Surplus				
51	Dividends Declared—Pref. Stock (437)	117			
52	Dividends Declared—Com. Stock (438)	117			
53	Unappropriated Earned Surplus (at end of period) (216)	117			
54	Appropriated Earned Surplus (at end of period) (215)	117			
55	Total Earned Surplus (215, 216)	117			

*Accounts 404.1, 404.2, 404.3, 420, for natural gas companies.

Rev. (10-66)

STATEMENT OF INCOME AND EARNED SURPLUS FOR THE YEAR (Continued) STATEMENT C

Explain if the increases and decreases are not derived from previously reported figures.

UTILITY	GAS UTILITY		.... UTILITY		.... UTILITY		
Increase or decrease from preceding year (f)	Current year (g)	Increase or decrease from preceding year (h)	Current year (i)	Increase or decrease from preceding year (j)	Current year (k)	Increase or decrease from preceding year (l)	Line No.
$	$	$	$	$	$	$	1
							2
							3
							4
							5
							6
							7
							8
							9
							10
							11
							12
							13
	( )		( )		( )		14
							15
							16
							17
							18
							19
							20

Note: If the columns are insufficient for additional utility departments, supply the appropriate account titles, lines 1 to 19, and report the information in the blank space above or on an insert page.

STATEMENT C
(Continued)

NOTES TO STATEMENT OF INCOME AND EARNED SURPLUS

1. The space below is provided for important notes regarding the statement of income and earned surplus or any account thereof.

2. Give concise explanations concerning unsettled rate proceedings where a contingency exists that refunds of a material amount may need to be made to the utility's customers or which may result in a material refund to the utility with respect to power or gas purchases. State for each year affected the gross revenues or costs to which the contingency relates and the tax effects together with an explanation of the major factors which affect the rights of the utility to retain such revenues or recover amounts paid with respect to power or gas purchases.

3. Give concise explanations concerning significant amounts of any refunds made or received during the year resulting from settlement of any rate proceeding affecting revenues received or costs incurred for power or gas purchases. State the accounting treatment accorded such refunds and furnish the necessary particulars, including income tax effects, so that corrections of prior income and earned surplus statements and balance sheets may be made if needed, or furnish amended financial statements if that be deemed more appropriate by the utility.

4. Other important notes concerning the statement of income and earned surplus. If any such notes appearing in the report to stockholders are applicable to Statement C, Statement of Income and Earned Surplus, such notes may be attached hereto.

STATEMENT D

STATEMENT OF EARNED SURPLUS

1. Report in this schedule an accounting for changes in appropriated and unappropriated earned surplus for the year.

2. Each credit and debit during the year should be identified as to the surplus account in which included (Accounts 433–438 inclusive) and the contra primary account affected shown. Minor items may be grouped by classes; however, the number of items in each group should be shown.

3. For each reservation or appropriation of earned surplus state the purpose, amount, and in the case of reservations, the reserve account credited. Explain in a footnote the basis for determining the amount reserved or appropriated and if such reservation or appropriation is to be recurrent, state the number and annual amounts to be reserved or appropriated as well as the totals eventually to be accumulated.

4. Dividends should be shown for each class and series of capital stock. Show amounts of dividends per share.

5. List credits first; then debits.

Line No.	Item (a)	Contra Primary Account Affected (b)	Amount (c)
	UNAPPROPRIATED EARNED SURPLUS (Account 216)	▨	$
1	Balance—Beginning of year..		
2	Changes (identify by prescribed earned surplus accounts):		
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31		▨	
32	Balance—end of year..	▨	
33	**APPROPRIATED EARNED SURPLUS (Account 215)**		$
34	State balance and purpose of each appropriated earned surplus amount at end of year and give accounting entries for any applications of appropriated earned surplus during the year.		
35			
36			
37			
38			
39			
40			
41			
42			$
43	TOTAL EARNED SURPLUS (Accounts 215,216)..		

NONUTILITY PROPERTY (Account 121)

1. Give a brief description and state the location of nonutility property included in Account 121.

2. Designate any property which is leased to another company. State name of lessee and whether lessee is an associated company.

3. Furnish particulars concerning sales, purchases, or transfers of Nonutility Property during the year.

4. List separately any property previously devoted to public service having an original cost of $150,000 or more and give date of transfer to Account 121, Nonutility Property. Other items of property previously devoted to public service may be grouped provided that the number of properties so grouped is indicated.

5. Minor items may be grouped.

6. Natural gas companies which have oil property should report such property by State, classified as to (a) oil lands and land rights (b) oil wells and (c) other oil property. Gasoline plants and other plants for the recovery of products from natural gas are classifiable as gas plant and should be so reported and not shown as Nonutility Property.

Line No.	Description and Location (a)	Balance end of the year (b)
		$
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF NONUTILITY PROPERTY (Account 122)

Report below the information called for concerning depreciation and amortization of nonutility property.

Line No.	Item (a)	Amount (b)
		$
26	Balance, beginning of year	
27	Accruals for year, charged to:	
28	(417) Income from Nonutility Operations	
29	(418) Nonoperating Rental Income	
30	Other Accounts (specify):	
31		
32	Total Accruals for Year	
33	Net charges for plant retired:	
34	Book cost of plant retired	
35	Cost of removal	( )
36	Salvage (credit)	
37	Total Net Charges	
38	Other debit or credit items (describe):	
39		
40	Balance, end of year	

INVESTMENTS (Accounts 123, 124, 136)

1. Report below investments in Accounts 123, Investments in Associated Companies, 124, Other Investments, and 136, Temporary Cash Investments.

2. Provide a subheading for each account and list thereunder the information called for, observing the instructions below.

3. *Investment in Securities*—List and describe each security owned, giving name of issuer. For bonds give also principal amount, date of issue, maturity, and interest rate. For capital stock, including capital stock of respondent reacquired under a definite plan for resale pursuant to authorization by the Board of Directors, and included in Account 124, Other Investments; state number of shares, class and series of stock. Minor investments may be grouped by classes. Investments included in Account 136, Temporary Cash Investments, also may be grouped by classes.

4. *Investment Advances*—Report separately for each person or company the amounts of loans or investment advances which are subject to repayment but which are not subject to current settlement. With respect to each advance show whether the advance is a note or open account. Each note should be listed giving date of issuance, maturity date, and specifying whether note is a renewal. Designate any advances due from officers, directors, stockholders, or employees.

5. For any securities, notes, or accounts that were pledged, designate such securities, notes, or accounts and in a footnote state the name of pledgee and purpose of the pledge.

6. If Commission approval was required for any advance made or security acquired, designate such fact and in a footnote give name of Commission, date of authorization, and case or docket number.

7. Interest and dividend revenues from investments should be reported in column (g), including such revenues from securities disposed of during the year.

8. In column (h) report for each investment disposed of during the year the gain or loss represented by the difference between cost of the investment (or the other amount at which carried in the books of account if different from cost) and the selling price therefor, not including any dividend or interest adjustment includible in column (g).

Line No.	Description of Investment (a)	Date Acquired (b)	Date of Maturity (c)	Book Cost* Beginning of Year (d)	Principal Amount or No. of Shares End of Year (e)	Book Cost* End of Year (f)	Revenues for Year (g)	Gain or Loss from Invest. Disposed of (h)
1				$		$	$	$
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								

*If book cost is different from cost to respondent, give cost to respondent in a footnote and explain difference.

NOTES AND ACCOUNTS RECEIVABLE

Summary for Balance Sheet

Show separately by footnote the total amount of notes and accounts receivable from directors, officers, and employees included in Notes Receivable (Account 141) and Other Accounts Receivable (Account 143).

Line No.	Accounts (a)	Balance Beginning of Year (b)	Balance End of Year (c)
		$	$
1	Notes Receivable (Account 141)		
2	Customer Accounts Receivable (Account 142)		
3	Other Accounts Receivable (Account 143) (Disclose any capital stock subscriptions received)		
4	Total		
5	Less: Accumulated Provision for Uncollectible Accounts—Cr. (Account 144)		
6	Total, Less Accumulated Provision for Uncollectible Accounts		
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS—CR. (Account 144)

1. Report below the information called for concerning this accumulated provision.
2. Explain any important adjustments of subaccounts.
3. Entries with respect to officers and employees shall not include items for utility services.

Line No.	Item (a)	Utility Customers (b)	Merchandise, Jobbing and Contract Work (c)	Officers and Employees (d)	Other (e)	Total (f)
		$	$	$	$	$
21	Balance beginning of year					
22	Prov. for uncollectibles for year					
23	Accounts written off	( )	( )	( )	( )	( )
24	Coll. of accounts written off					
25	Adjustments (explain):					
26						
27	Balance end of year					
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						

Rev (12-65)

RECEIVABLES FROM ASSOCIATED COMPANIES (Accounts 145, 146)

1. Report particulars of notes and accounts receivable from associated companies at end of year.
2. Provide separate headings and totals for Accounts 145, Notes Receivable from Associated Companies, and 146, Accounts Receivable from Associated Companies, in addition to a total for the combined accounts.
3. For notes receivable list each note separately and state purpose for which received. Show also in column (a) date of note and date of maturity.
4. If any note was received in satisfaction of an open account, state the period covered by such open account.
5. Include in column (d) interest recorded as income during the year, including interest on accounts and notes held any time during the year.
6. Give particulars of any notes pledged or discounted, also of any collateral held as guarantee of payment of any note or account.

Line No.	Name of Company (a)	Amount End of Year (b)	INTEREST FOR YEAR Rate (c)	INTEREST FOR YEAR Amount (d)
1		$	%	$
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
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24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43	TOTAL		▨	

Annual report of

Year ended December 31, 19

MATERIALS AND SUPPLIES

Line No.	Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Department to which predominant use of material is attributable (d)
		$	$	
1	Fuel Stock (Acct. 151)(See sch. pg 209)			
2	Fuel Stock Expenses Undistributed (Acct. 152) ...			
3	Residuals & Extracted Products (Acct. 153).......		▨	▨
4	Plant Materials & Operating Supplies (Acct.154): 1/	▨		
5		▨		
6		▨		
7		▨		
8		▨		
9		▨		
10		▨		
11		▨		
12		▨		
13		▨		
14		▨		
15		▨		
16		▨		
17		▨		
18		▨		
19		▨		
20		▨		
21		▨		
22		▨		
23		▨		
24		▨		
25		▨		
26		▨		
27		▨		
28		▨		
29				
30	Total Account 154	$	$	▨
31	Merchandise (Account 155)	$	$	
32	Other Materials & Supplies (Acct. 156)			
33	Nuclear Fuel Assemblies & Components --In Reactor			
34	(Account 157)*			
35	Nuclear Fuel Assemblies & Components - Stock Acct.			
36	(Account 158)*			
37	Nuclear Byproduct Materials (Account 159)*			
38	Stores Expense Undistributed (Acct. 163)			▨
39	Total Materials & Supplies (per balance sheet)..	$	$	▨

1/ Report the amount of plant materials and operating supplies at end of year under titles which are indicative of the character of the material included. In column (d), designate the department to which predominant use of the class of material is attributable. Give an explanation of important inventory adjustments during year (on a separate page) showing general classes of material affected and the various classes of accounts (operating expense, clearing accounts, plant, etc.) debited or credited. Debits or credits to stores expense-clearing shall be shown separately, if applicable.

Rev (12-69)

* Not applicable to Gas Utilities

GAS STORED UNDERGROUND (Accounts 117 and 164)

1. Report below the information called for concerning inventories of gas stored underground.

2. The Uniform System of Accounts provides that inventory cost records be maintained on a consolidated basis for all storage projects with separate records showing the Mcf of inputs and withdrawals and balance for each project, except under certain specified circumstances. If the respondent's inventory cost records are not maintained on a consolidated basis for all storage projects, furnish an explanation of the accounting followed and reason for any deviation from the general basis provided by the Uniform System of Accounts. Separate schedules on this schedule form should be furnished for each group of storage projects for which separate inventory cost records are maintained.

3. If during the year adjustment was made of the stored gas inventory, such as to correct for cumulative inaccuracies of gas measurements, furnish an explanation of the reason for the adjustment, the Mcf and dollar amount of adjustment and account charged or credited.

4. Give a concise statement of the facts and the accounting performed with respect to any encroachment of withdrawals during the year, or restoration of previous encroachment, upon *native gas* constituting the "gas cushion" of any storage reservoir.

5. If the respondent uses a "base stock" in connection with its inventory accounting, give a concise statement of the basis of establishing such "base stock" and the inventory basis and the accounting performed with respect to any encroachment of withdrawals upon "base stock," or restoration of previous encroachment, including brief particulars of any such accounting during the year.

6. If respondent has provided accumulated provision for stored gas which may not eventually be fully recovered from any storage project furnish a statement showing: (a) date of Commission authorization of such accumulated provision (b) explanation of circumstances requiring such provision (c) basis of provision and factors of calculation (d) estimated ultimate accumulated provision accumulation (e) a summary showing balance of accumulated provision and entries during year.

7. Pressure base of gas volumes reported in this schedule is 14.73 psia at 60° F.

Line No.	Description (a)	Noncurrent (Account 117) (b)	Current (Account 164) (c)	Total (d)
		$	$	$
1	Balance, beginning of year			
2	Gas delivered to underground storage			
3	(contra Acct. 809)			
4	Gas withdrawn from underground storage			
5	(contra Acct. 808)			
6	Other debits or credits (Explain)			
7				
8				
9				
10				
11				
12	Balance, end of year			
13	Mcf			
14	Amount per Mcf			
15	State basis of segregation of inventory between current and noncurrent portions.			
16				
17	Gas delivered to underground storage:			
18	Mcf			
19	Amount per Mcf			
20	Cost basis of gas delivered to storage:			
21	Specify: Own production (give production area, see uni-			
22	form system of accounts); average system purchases; specific			
23	purchases (state which purchases).			
24	Does cost of gas delivered to storage include any expenses for			
25	use of respondent's transmission, storage, or other facilities?			
26	.... If so, give particulars and date of Com-			
27	mission approval of the accounting.			
28				
29	Gas withdrawn from underground storage:			
30	Mcf			
31	Amount per Mcf			
32	Cost basis of withdrawals:			
33	Specify: average cost, lifo, fifo. (Explain any change in			
34	inventory basis during year and give date of Commission			
35	approval of the change or approval of an inventory basis			
36	different from that referred to in uniform system of ac-			
37	counts.)			
38				
39				
40				
41				

PRODUCTION FUEL AND OIL STOCKS (Included in Account 151)

1. Report below the information called for concerning production fuel and oil stocks.

2. Show quantities in tons of 2000 lb. barrels (42 gals.), or Mcf., whichever unit of quantity is applicable.

3. Each kind of coal or oil should be shown separately.

4. If the respondent obtained any of its fuel from its own coal mines or oil or gas lands or leases, a statement should be submitted showing the quantity of such fuel so obtained, the quantity used and quantity on hand, and cost of the fuel classified as to the nature of the costs and expenses incurred with appropriate adjustment for the inventories at beginning and end of year.

Line No.	Item (a)	Total Cost (b)	KINDS OF FUEL AND OIL					
			Quantity (c)	Cost (d)	Quantity (e)	Cost (f)	Quantity (g)	Cost (h)
1	On hand beginning of year	$		$		$		$
2	Received during year							
3	TOTAL							
4	Used during year (specify departments)							
5								
6								
7								
8								
9								
10								
11	Sold or transferred							
12	TOTAL DISPOSED OF							
13	BALANCE END OF YEAR							

Line No.	Item (i)	KINDS OF FUEL AND OIL—Continued					
		Quantity (j)	Cost (k)	Quantity (l)	Cost (m)	Quantity (n)	Cost (o)
14	On hand beginning of year		$		$		$
15	Received during year						
16	TOTAL						
17	Used during year (specify departments)						
18							
19							
20							
21							
22							
23							
24	Sold or transferred						
25	TOTAL DISPOSED OF						
26	BALANCE END OF YEAR						

PREPAYMENTS (Account 165)

1. Give below the particulars called for concerning each prepayment.

2. Report all payments for undelivered gas on line 5 or 6, as appropriate, and complete schedules 210A and 210B, showing particulars for gas prepayments and gas advance payments.

3. Minor items may be grouped by classes, showing number of such items.

Line No.	Nature of prepayment (a)		Balance end of year (b)
			$
1	Prepaid insurance		
2	Prepaid rents		
3	Prepaid taxes (222)		
4	Prepaid interest		
5	Gas prepayments (210A)	$	
6	Advance payments for gas (210B) $		
7	Less advance payments reported in Account 124		
8	Total gas prepayments and advance payments in Account 165		
9	Miscellaneous prepayments:		
10			
11	TOTAL		

MISCELLANEOUS CURRENT AND ACCRUED ASSETS (Account 174)

1. Give description and amount of other current and accrued assets as of end of year.

2. Minor items may be grouped by classes, showing number of such items.

Line No.	Item (a)	Balance end of year (b)
		$
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44	TOTAL	

EXTRAORDINARY PROPERTY LOSSES (Account 182)

1. Report below particulars concerning the accounting for extraordinary property losses.

2. In column (a) describe the property abandoned or extraordinary loss suffered, date of abandonment or loss, date of Commission authorization of use of Account 182, and period over which amortization is being made.

Line No.	Description of property loss or damage (a)	Total amount of loss (b)	Previously written off (c)	WRITTEN OFF DURING YEAR		Balance end of year (f)
				Account charged (d)	Amount (e)	
51		$	$		$	$
52						
53						
54						
55						
56						
57						
58						
59						
60	TOTAL					

GAS PREPAYMENTS UNDER PURCHASE AGREEMENTS

1. Report below the information called for concerning gas prepayments as defined in the text of Account 165, Prepayments. Report advance payments in schedule 210B.

2. If any prepayment at beginning of year, or incurred during year, was cancelled, forfeited, or applied to another purpose, state gas volume and dollar amount, period when such prepayment was incurred, accounting disposition of prepayment amount, and give a concise explanation of circumstances causing forfeiture or other disposition of the prepayment.

3. Show totals for columns (c), (d), (e), (f) and (h).

4. If for any reason a take or pay situation is in controversy, list the amount of those prepayment claims which have not been paid, together with footnote notation that the amount is in controversy (and any explanation the respondent chooses to make).

5. If any prepayment was determined other than by reference to amounts per Mcf or demand-commodity factors furnish a concise explanation of basis of computation.

6. For the specific purpose avoiding duplication in reporting, any information included in this schedule shall not be reported in schedule 210B.

Line No.	Name of Vendor (Designate associated companies)	Seller FPC Rate Schedule No.	BALANCE BEGINNING OF YEAR		BALANCE END OF YEAR		PREPAYMENTS IN CURRENT YEAR			Make-up Period expiration date
			Mcf (14.73 psia at 60° F)	Amount	Mcf (14.73 psia at 60° F)	Amount	Cents per Mcf	Mcf (14.73 psia at 60° F)	Percent (%) of Year's required take	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1				$		$				
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27	TOTAL									

ADVANCE PAYMENTS FOR GAS PRIOR TO INITIAL DELIVERIES OR COMMISSION CERTIFICATION

1. Report below the information called for concerning all advance payments for gas, as defined in the text of Account 165, Prepayments, whether reported in Account 165 or reclassified to Account 124, Other Investments. Amounts reported in schedule 210A should not be reported in this schedule.

2. In column (a) show the payee (designate associated companies) and give a brief statement of the purpose, (exploration, development, production, general loan, etc.) and the estimated date of repayment. Do not use the term indefinite in reporting estimated date of repayment. If advances are made to a payee in connection with different projects with different arrangements for repayment, use separate lines for reporting, otherwise all advances may be grouped by payee, subject to the requirement of instruction 3 which requires repayments and other credits to be shown by account charged.

3. If the beginning balance shown in column (c) does not agree with the prior year's ending balance, column (g), provide a detailed explanation. Show all advances made during the year in column (d) and all repayments or other credits in column (e). Amounts shown in column (e) must be reported separately by account, as shown in column (f).

Line No.	Payee, Purpose and Estimated Date of Repayment (a)	Account Number (124 or 165) (b)	Balance Beginning of Year (c)	Advances During Year (d)	Repayments or Other Credits During Year (e)	Accounts Charged (f)	Balance End of Year (g)
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
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19							
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21							
22							
23							
24							
25							
26							
27							
28							

UNAMORTIZED DEBT DISCOUNT AND EXPENSE AND UNAMORTIZED PREMIUM ON DEBT (Accounts 181, 251)

1. Report under separate subheadings for Unamortized Debt Discount and Expense and Unamortized Premium on Debt, particulars of discount and expense or premium applicable to each class and series of long-term debt.

2. Show premium amounts in red or by enclosure in parentheses.

3. In column (b) show the principal amount of bonds or other long-term debt originally issued.

4. In column (c) show the discount and expense or premium with respect to the amount of bonds or other long-term debt originally issued.

5. Furnish particulars regarding the treatment of unamortized debt discount and expense or premium, redemption premiums, and redemption expenses associated with issues redeemed during the year, also, date of the Commission's authorization of treatment other than as specified by the Uniform System of Accounts.

6. Set out separately and identify undisposed amounts applicable to issues which were redeemed in prior years.

7. Explain any debits and credits other than amortization debited to Account 428, Amortization of Debt Discount and Expense, or credited to Account 429, Amortization of Premium on Debt—Credit.

Line No.	Designation of long-term debt (a)	Principal amount of securities to which discount and expense, or premium minus expense, relates (face value) (b)	Total discount and expense or net premium (c)	AMORTIZATION PERIOD		Balance beginning of year (f)	Debits during year (g)	Credits during year (h)	Balance end of year (i)
				From— (d)	To— (e)				
1		$	$			$	$	$	$
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
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20									
21									
22									
23									
24									
25									
26									
27									
28									

PRELIMINARY SURVEY AND INVESTIGATION CHARGES (Account 183)

1. Report below particulars concerning the cost of plans, surveys, and investigations made for the purpose of determining the feasibility of projects under contemplation.

2. Gas companies should report separately amounts included in Account 183.1, Preliminary Natural Gas Survey and Investigation Charges, and Account 183.2, Other Preliminary Survey and Investigation Charges.

3. Minor items may be grouped by classes. Show the number of items in each group.

Line No.	Description and purpose of project (a)	Balance Beginning of Year (b)	Debits (c)	CREDITS Account Charged (d)	CREDITS Amount (e)	Balance end of Year (f)
1		$	$		$	$
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
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19						
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21						
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23						
24						
25						
26						
27						
28						
29						
30	TOTAL . .					

MISCELLANEOUS DEFERRED DEBITS (Account 186)

1. Report below the particulars called for concerning miscellaneous deferred debits.
2. For any deferred debit being amortized show period of amortization.
3. Minor items may be grouped by classes, showing number of such items.

Line No.	Description of miscellaneous deferred debit (a)	Balance beginning of year (b)	Debits (c)	CREDITS		Balance end of year (f)
				Account charged (d)	Amount (e)	
		$	$		$	$
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17	Misc. Work in Progress		▨	▨	▨	
18	Deferred regulatory commission expenses..............................					
19	TOTAL..		▨	▨	▨	

DEFERRED REGULATORY COMMISSION EXPENSES

1. Report below the information called for concerning deferred regulatory commission expenses.

2. Include in description of case, name of regulatory body, case or docket number, and period over which the deferred expenses are being written off.

3. Total expenses incurred and total written off to end of current year should be shown in columns (b) to (d) inclusive, whether the expenses were charged originally to Account 928 or to Account 186.

Line No.	Description of case (a)	Total expenses of case (b)	AMORTIZATION		Balance end of year (In Account 186) (e)
			Previous years (c)	Current year (d)	
		$	$	$	$
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					
61					
62					
63	TOTAL..				

CAPITAL STOCK (Accounts 201 and 204)

1. Report below the particulars called for concerning common and preferred stock at end of year, distinguishing separate series of any general class. Show totals separately for common and preferred stock.

2. Entries in column (b) should represent the number of shares authorized by the articles of incorporation as amended to end of year.

3. Give particulars concerning shares of any class and series of stock authorized to be issued by a regulatory commission which have not yet been issued.

4. The designation of each class of preferred stock should show the dividend rate and whether the dividends are cumulative or noncumulative.

5. State if any capital stock which has been nominally issued is nominally outstanding at end of year.

6. Give particulars of any nominally issued capital stock, reacquired stock, or stock in sinking and other funds which is pledged, stating name of pledgee and purpose of pledge.

Line No.	Class and Series of Stock (a)	Number of shares authorized by charter (b)	Par or stated value per share (c)	Call Price at end of Year (d)	OUTSTANDING PER* BALANCE SHEET		HELD BY RESPONDENT			
							AS REACQUIRED STOCK (Account 217)		IN SINKING AND OTHER FUNDS	
					Shares (e)	Amount (f)	Shares (g)	Cost (h)	Shares (i)	Amount (j)
1			$	$		$		$		$
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
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19										
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22										
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24										
25										
26										
27										
28										
29										

*Total amount outstanding without reduction for amounts held by respondent.

CAPITAL STOCK SUBSCRIBED, CAPITAL STOCK LIABILITY FOR CONVERSION, PREMIUM ON CAPITAL STOCK, AND INSTALLMENTS RECEIVED ON CAPITAL STOCK

(Accounts 202 and 205, 203 and 206, 207, 212)

1. Show for each of the above accounts the amounts applying to each class and series of capital stock.

2. For Common Stock Subscribed, Account 202, and Preferred Stock Subscribed, Account 205, show the subscription price and the balance due on each class at end of year.

3. Describe the agreement and transactions under which a conversion liability existed under Account 203, Common Stock Liability for Conversion, or Account 206, Preferred Stock Liability for Conversion, at end of year.

4. For Premium on Capital Stock, Account 207, designate any amounts representing the excess of consideration received over stated values of stocks without par value.

Line No.	Name of account and description of item (a)	Number of shares (b)	Amount (c)
1			$
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
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31			
32			
33			
34			
35			
36			
37			
38			
38			
39			
40			
41			
42			
43			
44			
45		TOTAL—	
46			

OTHER PAID-IN CAPITAL (Accounts 208–211, inc.)

1. Report below balance at end of year and the information specified in the instructions below for the respective other paid-in capital accounts. Provide a conspicuous subheading for each account and show a total for the account, as well as total of all accounts for reconciliation with balance sheet. Additional columns may be added for any account if deemed necessary. Explain the change in any account during the year and give the accounting entries effecting such change.

2. *Donations Received from Stockholders* (Account 208)—State amount and give brief explanation of the origin and purpose of each donation.

3. *Reduction in Par or Stated Value of Capital Stock* (Account 209)—State amount and give brief explanation of the capital changes which gave rise to amounts reported under this caption including identification with the class and series of stock to which related.

4. *Gain on Resale or Cancellation of Reacquired Capital Stock* (Account 210)—Report balance at beginning of year, credits, debits, and balance at end of year with a succinct designation of the nature of each credit and debit identified as to class and series of stock to which related.

5. *Miscellaneous Paid-In Capital* (Account 211)—Classify amounts included in this account at end of year according to captions which, together with brief explanations, disclose the general nature of transactions which gave rise to the reported amounts.

Line No.	Item (a)	Amount (b)
1		$
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
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25		
26		
27		
28		
29		
30		
31		
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36		
37		
38		
39		
40	TOTAL	
41		

DISCOUNT ON CAPITAL STOCK (Account 213)

1. Report the balance at end of year of discount on capital stock for each class and series of capital stock.
2. If any change occurred during the year in the balance with respect to any class or series of stock, attach a statement giving particulars of the change. State the reason for any charge-off during the year and specify the amount charged.

Line No.	Class and series of stock (a)	Balance End of Year (b)
1		$
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21	TOTAL . .	

CAPITAL STOCK EXPENSE (Account 214)

1. Report the balance at end of year of capital stock expenses for each class and series of capital stock.
2. If any change occurred during the year in the balance with respect to any class or series of stock, attach a statement giving particulars of the change. State the reason for any charge-off of capital stock expense and specify the account charged.

Line No.	Class and Series of Stock (a)	Balance End of Year (b)
31		$
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51	TOTAL	
52		

LONG-TERM DEBT (Accounts 221, 223, and 224)

1. Report by balance sheet accounts particulars concerning long-term debt included in Accounts 221, Bonds; 223, Advances from Associated Companies; and 224, Other Long-Term Debt.

2. For bonds assumed by the respondent, column (a) should include name of the issuing company as well as the description of the bonds.

3. Advances from Associated Companies should be reported separately for advances on notes, and advances on open accounts. Demand notes shall be designated as such. Names of associated companies from which advances were received shall be shown in col. (a).

4. For receivers' certificates show the name of the court and date of court order under which such certificates were issued.

5. In an insert schedule give explanatory particulars for accounts 223, and 224 of net changes during the year. With respect to long-term advances show for each company (a) principal advanced during year, (b) interest added to principal amount, and (c) principal repaid during year. Give Commission authorization numbers and dates.

6. If the respondent has pledged any of its long-term debt securities, give particulars in a footnote, including name of the pledgee and purpose of the pledge.

7. If the respondent has any long-term debt securities which have been nominally issued and are nominally outstanding at end of year, describe such securities in a footnote.

8. If interest expense was incurred during the year on any obligations retired or reacquired before end of year, include such interest expense in column (f). Explain any difference between the total of column (f) and the total of Account 427, Interest on Long-Term Debt, and Account 430, Interest on Debt to Associated Companies.

9. Give particulars concerning any long-term debt authorized by a regulatory commission but not yet issued.

Line No.	Class and Series of Obligation (a)	Nominal Date of Issue (b)	Date of Maturity (c)	Outstanding* (d)	INTEREST FOR YEAR Rate (e)	INTEREST FOR YEAR Amount (f)	HELD BY RESPONDENT Reacquired Bonds (Acct. 222) (g)	HELD BY RESPONDENT Sinking and Other Funds (h)	Redemption Price per $100 End of Year (i)
				$	%	$	$	$	$
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
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18									
19									
20									
21									
22									
23									
24	TOTAL...								

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* Total amount outstanding without reduction for amounts held by respondent.

SECURITIES ISSUED OR ASSUMED AND SECURITIES REFUNDED OR RETIRED DURING THE YEAR

1. Furnish an insert schedule giving a brief description of security financing and refinancing transactions during the year and the accounting for the securities, discounts, premiums, and expenses relating thereto, identified as to Commission authorization numbers and dates.

2. The particulars furnished should be sufficient to show fully the accounting for the total principal amount, par value, or stated value of each class and series of security issued, assumed, retired, or refunded and the accounting for premiums, discounts, and expenses relating to the securities. The facts of the accounting should be clearly set forth with regard to redemption premiums, unamortized discounts and expenses, and expenses relating to securities retired or refunded, including the accounting for such amounts carried in the respondent's accounts at the date of the refunding or refinancing transactions with respect to securities previously refunded or retired.

3. The identification of each class and series of security should include, as appropriate, the interest or dividend rate, nominal date of issuance, maturity date, aggregate principal amount, par value or stated value, and number of shares. Also to be given are the issuance or redemption price and name of the principal underwriting firm through which the security transactions were consummated.

4. Where the accounting for amounts relating to securities refunded or retired is other than that specified in Balance Sheet Accounts 181 and 251 of the Uniform System of Accounts, references should be given to the Commission authorization for the different accounting and the accounting should be stated.

5. For securities assumed the name of the company for which the liability on the securities was assumed should be given as well as particulars of the transactions whereby the respondent undertook to pay obligations of another company. If any unamortized discount, premiums, and expenses were taken over onto the respondent's books, details of these amounts should be furnished with amounts relating to refunded securities clearly earmarked.

NOTES PAYABLE (Account 231)

1. Report the particulars indicated concerning notes payable at end of year.
2. Give particulars of collateral pledged, if any.
3. Any demand notes should be designated as such in column (d).
4. Minor amounts may be grouped by classes, showing the number of such amounts.

Line No.	Payee (a)	Purpose for which issued (b)	Date of Note (c)	Date of Maturity (d)	Int. rate (e)	Balance end of year (f)
					%	$
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20				TOTAL		

PAYABLES TO ASSOCIATED COMPANIES (Accounts 233, 234)

1. Report particulars of notes and accounts payable to associated companies at end of year.
2. Provide separate totals for Accounts 233, Notes Payable to Associated Companies, and 234 Accounts Payable to Associated Companies, in addition to a total for the combined accounts.
3. List each note separately and state the purpose for which issued. Show also in column (a) date of note and maturity.
4. Include in column (e) the amount of any interest expense during the year on notes or accounts that were paid before the end of the year.
5. If collateral has been pledged as security to the payment of any note or account, describe such collateral.

Line No.	Name of Company (a)	Commission authority (b)	Amount end of year (c)	INTEREST FOR YEAR	
				Rate (d)	Amount (e)
			$	%	$
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45		TOTAL			

ACCRUED AND PREPAID TAXES

1. This schedule is intended to give particulars of the combined prepaid and accrued tax accounts and to show the total taxes charged to operations and other accounts during the year. Do not include gasoline and other sales taxes which have been charged to the accounts to which the material on which the tax was levied was charged.

2. Taxes, paid during the year and charged direct to final accounts, that is, not charged to prepaid or accrued taxes, should be included in the schedule. Enter the amounts both in columns (d) and (e). The balancing of the schedule is not affected by the inclusion of these taxes.

3. Taxes charged during the year, column (d), include taxes charged to operations and other accounts through (a) accruals credited to taxes accrued, (b) amounts credited to prepaid taxes for proportions of prepaid taxes chargeable to current year, and (c) taxes paid and charged direct to operations or accounts other than accrued and prepaid tax accounts.

4. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal," "State," and "Local" in such manner that the total tax for each State and for all subdivisions can readily be ascertained.

5. *If any tax covers more than 1 year, the required information of all columns should be shown separately for each year.*

6. Enter all adjustments of the accrued and prepaid tax accounts in column (f) and explain each adjustment. Designate debit adjustments by parentheses.

7. See schedule entitled "TAXES CHARGED DURING YEAR," page 332, for a distribution of taxes charged, column (d), according to utility departments and accounts.

8. Do not include in this schedule entries with respect to deferred income taxes or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

Line No.	Kind of Tax (See instruction 5) (a)	BALANCE BEGINNING OF YEAR		Taxes Charged During Year (d)	Paid During Year (e)	Adjustments (f)	BALANCE END OF YEAR	
		Taxes Accrued (b)	Prepaid Taxes (c)				Taxes accrued (Account 236) (g)	Prepd. taxes (Incl. in Acct. 165) (h)
		$	$	$	$	$	$	$
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25	TOTAL							

RECONCILIATION OF REPORTED NET INCOME WITH TAXABLE INCOME FOR FEDERAL INCOME TAXES

1. Report hereunder a reconciliation of reported net income for the year with taxable income used in computing Federal income tax accruals and show computation of such tax accruals. The reconciliation shall be submitted even though there is no taxable income for the year. Descriptions should clearly indicate the nature of each reconciling amount.

2. If the utility is a member of a group which files a consolidated Federal tax return, reconcile reported net income with taxable net income as if a separate return were to be filed, indicating, however, intercompany amounts to be eliminated in such consolidated return. State names of group members, tax assigned to each group member, and basis of allocation, assignment, or sharing of the consolidated tax among the group members.

Line No.	Particulars (a)	Amount (b)
1	Net income for the year per Statement C, page 114	$
2	Reconciling amounts (list first additional income and unallowable deductions, followed by additional	
3	deductions and nontaxable income):	
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27	Federal tax net income	
28		
29	Computation of tax:	
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		

MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES (Account 242)

1. Report the amount and description of other current and accrued liabilities at end of year.
2. Minor items may be grouped under appropriate title.

Line No.	Item (a)	Amount (b)
1		$
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
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21		
22		
23		
24		
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26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36	TOTAL	
37		

CUSTOMER ADVANCES FOR CONSTRUCTION (Account 252)

Line No.	Class of utility service (a)	Balance end of year (b)
41		$
42		
43		
44		
45		
46		
47		
48		
49		
50		
51	TOTAL	
52		

OTHER DEFERRED CREDITS (Account 253)

1. Report below the particulars called for concerning other deferred credits.

2. For any deferred credit being amortized show the period of amortization.

3. Minor items may be grouped by classes. Show number of items.

4. For any undelivered gas obligations to customers under take-or-pay clauses of sale agreements, show the total amount and report particulars thereof as called for by the schedule, Undelivered Gas Obligations Under Sales Agreements, Page 225A. Show also in this schedule, but as a separate item, any advance billings or receipts for gas sales or service classified in Account 253 but not related to take-or-pay arrangements.

Line No	Description of other deferred credit (a)	Balance beginning of year (b)	DEBITS		Credits (e)	Balance end of year (f)
			Account Credited (c)	Amount (d)		
		$		$	$	$
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
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40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50	TOTAL					

Budget Bureau No. 34-8009

UNDELIVERED GAS OBLIGATIONS UNDER SALES AGREEMENTS

1. Report below the information called for concerning obligations to customers under take or pay clauses of gas sale agreements. If any of the obligations are included in an account other than 253, Other Deferred Credits, show the account in which included and in the schedule of this report for such account show the aggregate dollar amount with notation that details are reported in this schedule. Explain why any take or pay obligations were not included in Account 253.

2. If any obligation at beginning of year, or which arose during the year, was cancelled, forfeited by the customer, or applied to another purpose, state gas volume and dollar amount, period when such obligation arose, accounting entries, and give a concise explanation of circumstances causing forfeiture or other disposition of take or pay obligation.

3. Show totals for columns (c), (d), (e), (f) and (h).

4. If for any reason a take or pay situation is in controversy, list the amount of those prepayment claims which have not been paid, together with footnote notation that the amount is in controversy (and any explanation the respondent chooses to make).

5. If any delivery obligation was determined other than by reference to amounts per Mcf or demand-commodity factors furnish a concise explanation of basis of computation.

Line No.	Name of Customer (Designate associated companies) (a)	Respondent's FPC Rate Schedule No. (b)	BALANCE BEGINNING OF YEAR		BALANCE END OF YEAR		UNDELIVERED GAS FOR CURRENT YEAR			Make-up Period expiration date (j)
			Mcf (14.73 psia at 60° F) (c)	Amount (d)	Mcf (14.73 psia at 60° F) (e)	Amount (f)	Cents per Mcf (g)	Mcf (14.73 psia at 60° F) (h)	Percent (%) of Year's required delivery (i)	
1				$		$				
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
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15										
16										
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20										
21										
22										
23										
24										
25										
26										
27	TOTAL									

OPERATING RESERVES (Accounts 261, 262, 263, 264,* 265)

1. Report below an analysis of the changes during the year for each of the above-named reserves.

2. Show name of reserve and account number, balance beginning of year, credits, debits, and balance at end of year. Credit amounts should be shown in black, debit amounts in red or enclosed by parentheses.

3. Each credit and debit amount should be described as to its general nature and the contra account debited or credited shown. Combine the amounts of monthly accounting entries of the same general nature. If respondent has more than one utility department, contra accounts debited or credited should indicate the utility department affected.

4. For Accounts 261, Property Insurance Reserve and 262, Injuries and Damages Reserve, explain the nature of the risks covered by the reserves.

5. For Account 265, Miscellaneous Operating Reserves, report separately each reserve comprising the account and explain briefly its purpose.

Line No	Item (a)	Contra Account Debited or Credited (b)	Amount (c)
1			$
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
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CONTRIBUTIONS IN AID OF CONSTRUCTION (Account 271)

Report below the amount of contributions in aid of construction applicable to each utility department

Line No	Class of Utility service (a)	Balance beginning of year (b)	DEBITS		Credits (e)	Balance end of year (f)
			Account Credited (c)	Amount (d)		
51		$		$	$	$
52						
53						
54						
55						
56						
57						
58	TOTAL					

* Not applicable to Gas Utilities.

ACCUMULATED DEFERRED INCOME TAXES (Accounts 281, 282, 283)

1. Report the information called for below concerning the respondent's accounting for deferred income taxes.

2. In the space provided furnish significant explanations, including the following:

(a) Accelerated Amortization—State for each certification number a brief description of property, total and amortizable cost of such property, date amortization for tax purposes commenced, "normal" depreciation rate used in computing deferred tax amounts.

(b) Liberalized Depreciation—State the general method or methods of liberalized depreciation being used (sum-of-years digits, declining balance, etc.), estimated useful lives and classes of plant to which each method is being applied. Furnish a table showing for each year, 1954 to date of this report, the annual amounts of tax deferrals, and with respect to each year's tax deferral, the total debits thereto which have been accounted for as credits to Account 411, Income Taxes Deferred in Prior Years—Credit or comparable account of the previous system of accounts.

(c) Other—Describe the amounts for which deferred tax accounting in this classification is being followed by the respondent and the basis therefor, and give reference to the order or other action of the Commission authorizing or directing such accounting.

Line No.	Account Subdivisions (a)	Balance Beginning of Year (b)	Changes During Year		Balance End of Year (e)
			Amounts Debited Account 410 (1) (c)	Amounts Credited Account 411 (2) (d)	
	Accelerated Amortization (Account 281)	$	$	$	$
1	Electric				
2	Gas				
3	Other (Specify)				
4	Total				
	Liberalized Depreciation (Account 282)				
5	Electric				
6	Gas				
7	Other (Specify)				
8	Total				
	Other (Account 283)				
9	Electric				
10	Gas				
11	Other (Specify)				
12	Total				
	Total (Accounts 281, 282, 283)				
13	Electric				
14	Gas				
15	Other (Specify)				
16	Total				
	Classification of Total:				
17	Federal Income Tax				
18	State Income Tax				

(1) Account 410, Provision for Deferred Income Taxes.

(2) Account 411, Income Taxes Deferred in Prior Years—Credit.

INVESTMENT TAX CREDITS GENERATED AND UTILIZED

1. This schedule shall be prepared by the reporting company regardless of the method of accounting adopted for the investment tax credits. By footnote state the method of accounting adopted and whether the company has consented, or is required by another Commission, to pass the tax credits on to customers.

2. As indicated in Column (a), the schedule shall show each year's activities from 1962 through the year covered by this report, and shall separately identify the data for 3 percent (3%) and 7 percent (7%) credits.

3. Report in Column (b) the amount of investment tax credits generated from properties acquired for use in gas utility operations and report in Column (c) the amount of such generated credits utilised in computing the annual income taxes. If there are other utility or nonutility operations, show any applicable generated and utilized investment tax credits in a footnote. Also explain by footnote any adjustments to Columns (b), (c) and (d) such as for corrections, etc., or carryback of unused credits.

4. Report in Column (d) the weighted-average useful life of all properties used in computing the investment tax credits in Column (b).

5. Show by footnote any unused credits available at end of each year for carry forward as a reduction of taxes in subsequent years.

Line No.	Year (a)	Credit Generated for year (b)	Credit Utilized for year (c)	Weighted-Average Useful Life of Property (d)
1	1962			
2	3%			
3	7%			
4	1963			
5	3%			
6	7%			
7	1964			
8	3%			
9	7%			
10	1965			
11	3%			
12	7%			
13	1966			
14	3%			
15	7%			
16	1967			
17	3%			
18	7%			
19	1968			
20	3%			
21	7%			
22	1969			
23	3%			
24	7%			
25	1970			
26	3%			
27	7%			
28	1971			
29	3%			
30	7%			
31	1972			
32	3%			
33	7%			
34	1973			
35	3%			
36	7%			
37	1974			
38	3%			
39	7%			
40	1975			
41	3%			
42	7%			

ACCUMULATED DEFERRED INVESTMENT TAX CREDITS (Account 255)

Report as specified below information applicable to the balance in Account 255, and the transactions therein. Where appropriate, segregate the balances and transactions by utility and nonutility operations. Explain by footnote any correcting adjustments to the account balance during the year. Include in Column (h) the weighted-average period over which the tax credits are amortized.

Line No.	Account Subdivisions (a)	Balance Beginning of Year (b)	Deferred for Year		Allocations to Current Year's Income		Balance End of Year (g)	Average Period of Allocation to Income (h)
			Account No. (c)	Amount (d)	Account No. (e)	Amount (f)		
1	Gas Utility:							
2	3%							
3	7%							
4	Total							
5	Other: (list							
6	separately and show							
7	3%, 7%, and total)							
8								
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INCOME FROM UTILITY PLANT LEASED TO OTHERS (Accounts 412 and 413)

1. Report below the revenues, expenses and income for year from lease to others of utility property constituting a distinct operating unit or system.

2. For each lease show: (1) name of lessee and description and location of the leased property; (2) revenues; (3) operating expenses classified as to operation, maintenance, depreciation, rents, amortization, taxes other than income taxes, and income taxes, and (4) income from lease for year. Arrange amounts so that deductions appear as a subtraction from revenues, and income as the remainder.

3. Provide a subheading and total for each utility department in addition to a total for all utility departments.

4. If the property is leased on a basis other than that of a fixed annual rental, give particulars of the method of determining the annual rental.

5. Designate associated companies.

PARTICULARS CONCERNING CERTAIN OTHER INCOME ACCOUNTS

1. Report in this schedule the information specified in the instructions below for the respective other income accounts. Provide a conspicuous subheading for each account and show a total for the account. Additional columns may be added for any account if deemed necessary.

2. *Income from Nonutility Operations* (Account 417)—Describe each nonutility operation and show revenues, operating expenses classified as to operation, maintenance, depreciation, rents, amortization, taxes other than income taxes, income taxes, and net income from the operation. Give the basis of any important segregations of expenses between utility operations and nonutility operations.

3. *Nonoperating Rental Income* (Account 418)—For each major item of miscellaneous property included in Account 121, Nonutility Property, which is not used in operations for which income is included in Account 417, but which is leased or rented to others, give name of lessee, brief description of property, effective date and expiration date of lease, amount of rent revenues, operating expenses classified as to operation, maintenance, depreciation, rents, amortization, taxes other than income taxes, income taxes, and net income from the rentals. If the property is leased on a basis other than that of a fixed annual rental, state the method of determining the rental. Minor items may be grouped by classes, but the number of items so grouped should be shown. Designate any lessees which are associated companies.

4. *Interest and Dividend Income* (Account 419)—Report interest and dividend income identified as to the asset account or group of accounts in which are included the assets from which the interest or dividend income was derived. Income derived from investments, Accounts 123, 124 and 136 may be shown in total. Income from sinking and other funds should be identified with the related special funds. Show also expenses, operating taxes and income taxes included in Account 419 as required by the uniform system of accounts.

5. *Miscellaneous Nonoperating Income* (Account 421)—Give the nature and source of each miscellaneous nonoperating income and the amount thereof for the year. Minor items may be grouped by classes.

Line No.	Item (a)	Amount (b)
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PARTICULARS CONCERNING CERTAIN INCOME DEDUCTION AND INTEREST CHARGES ACCOUNTS

1. Report in this schedule the information specified in the instructions below for the respective income deduction accounts. Provide a conspicuous subheading for each account and show a total for the account. Additional columns may be added if deemed appropriate with respect to any account.

2. *Miscellaneous Amortization* (Account 425)—Describe each amortization charge included in Account 425, specify the contra account to which the amount was credited, and give the amount of the amortization charge for the year.

3. *Other Income Deductions* (Account 426)—Report the nature, payee, and amount of other income deductions for the year as required by Subaccounts 426.1, Donations; 426.2, Life Insurance; 426.3, Penalties; and 426.5, Other Deductions, of the Uniform System of Accounts. Amounts of less than $1,000 may be grouped by classes within the above subaccounts if the number of items so grouped is shown. Additionally, report the total amount of income deductions included in Subaccount 426.4, particulars of which are contained in the separate schedule "Expenditures for Certain Civic, Political and Related Activities."

4. *Interest on Debt to Associated Companies* (Account 430)—For each associated company to which interest on debt was incurred during the year show the amount and interest rate respectively for (a) advances on notes (b) advances on open account (c) notes payable (d) accounts payable and (e) other debt, and total interest. Explain the nature of other debt on which interest was incurred during the year.

5. *Other Interest Expense* (Account 431)—Report the amount and interest rate for each class of debt on which other interest charges were incurred during the year.

Line No	Item (a)	Amount (b)
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Annual report of

Year ended December 31, 19

EXPENDITURES FOR CERTAIN CIVIC, POLITICAL AND RELATED ACTIVITIES
(Subaccount 426.4)

1. Report below all expenditures incurred by the respondent during the year for the purpose of influencing public opinion with respect to the election or appointment of public officials, referenda, legislation or ordinances (either with respect to the possible adoption of new referenda, legislation or ordinances or repeal or modification of existing referenda, legislation or ordinances); approval, modification, or revocation of franchises; or for the purpose of influencing the decisions of public officials which are accounted for as Other Income Deductions, Expenditures for Certain Civic, Political and Related Activities; Subaccount 426.4.

2. Advertising expenditures in this Subaccount shall be classified according to subheadings, as follows: (a) radio, television, and motion picture advertising; (b) newspaper, magazine, and pamphlet advertising; (c) letters or inserts in customers' bills; (d) inserts in reports to stockholders; (e) newspaper and magazine editorial services; and (f) other advertising.

3. Expenditures within the definition of paragraph (1), other than advertising shall be reported according to captions or descriptions, clearly indicating the nature and purpose of the activity.

4. If respondent has not incurred any expenditures contemplated by the instructions of Subaccount 426.4, so state.

5. For reporting years which begin during the calendar year 1963 only, minor amounts may be grouped by classes if the number of items so grouped is shown.

NOTE: The classification of expenses as nonoperating and their inclusion in this account is for accounting purposes. It does not preclude Commission consideration of proof to the contrary for ratemaking or other purposes.

Line No.	Item (a)	Amount (b)
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Rev (12-64)

COMMON UTILITY PLANT AND EXPENSES

1. Furnish a schedule describing the property carried in the utility's accounts as common utility plant and showing the book cost of such plant at end of year classified by accounts as provided by Plant Instruction 13, Common Utility Plant, of the Uniform System of Accounts. Such schedule also shall show the allocation of such plant costs to the respective departments using the common utility plant, explain the basis of allocation used, and give the allocation factors.

2. Furnish a schedule of the accumulated provisions for depreciation and amortization at end of year, showing the amounts and classifications of such accumulated provisions, and amounts allocated to utility departments using the common utility plant to which such accumulated provisions relate including explanation of basis of allocation and factors used.

3. Furnish a schedule showing for the year the expenses of operation, maintenance, rents, depreciation and amortization for common utility plant classified by accounts as provided by the Uniform System of Accounts. Such schedule also shall show the allocation of such expenses to the departments using the common utility plant to which such expenses are related, explain the basis of allocation used, and give the factors of allocation.

4. Give date of approval by the Commission for use of the common utility plant classification and reference to order of the Commission or other authorization.

TAXES CHARGED DURING YEAR

1. This schedule is intended to give the account distribution of total taxes charged to operations and other final accounts during the year.

2. Do not include gasoline and other sales taxes which have been charged to accounts to which the material on which the tax was levied was charged. If the actual or estimated amounts of such taxes are known, they should be shown as a footnote and designated whether estimated or actual amounts.

3. The aggregate of each kind of tax should be listed under the appropriate heading of "Federal," "State," and "Local" in such manner that the total tax for each State and for all subdivisions can readily be ascertained.

4. The accounts to which taxes charged were distributed should be shown in columns (c) to (j). Show both the utility department and number of account charged. For taxes charged to utility plant show the number of the appropriate balance sheet plant acount or subaccount.

5. For any tax which it was necessary to apportion to more than one utility department or account, state in a footnote the basis of apportioning such tax.

6. The total taxes charged as shown in column (b) should agree with the amounts shown by column (d) of schedule entitled "Accrued and Prepaid Taxes," page 222

7. Do not include in this schedule entries with respect to deferred income taxes, or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.

Line No.	Kind of tax (a)	Total taxes charged during year (b)	DISTRIBUTION OF TAXES CHARGED (Show utility department where applicable and account charged)							
			Electric (Account 408, 409) (c)	Gas (Account 408, 409) (d)	(e)	(f)	(g)	(h)	(i)	(j)
1		$	$	$	$	$	$	$	$	$
2										
3										
4										
5										
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26										
27	TOTAL . .									

REGULATORY COMMISSION EXPENSES

1. Report particulars of expenses incurred during the year in formal cases before regulatory commissions, or other regulatory bodies, or cases in which such a body was a party.

2. Describe case and give name of regulatory body and case or docket number.

3. Amortization of expenses incurred in prior years should be shown in column (c) enclosed in parentheses, in addition to being shown also in column (h).

4. Minor items may be grouped.

Line No	Description of case (a)	EXPENSES INCURRED DURING YEAR			Transferred to miscellaneous deferred debits (Acct. 186) (e)	CHARGED OFF DURING YEAR		
		Assessed by regulatory commission (b)	Expenses of Utility (c)	Total (d)		Name of utility department (f)	Acct. No. (g)	Amount (h)
1		$	$	$	$			$
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31	TOTAL . .							

Annual report of

Year ended December 31,19

CHARGES FOR OUTSIDE PROFESSIONAL AND OTHER CONSULTATIVE SERVICES

1. Report the information specified below for all charges made during the year included in any account (including plant accounts) for outside consultative and other professional services, such as services concerning rate, management, construction, engineering, research, financial, valuation, legal, accounting, purchasing, advertising, labor relations, and public relations, rendered the respondent under written or oral arrangement, for which aggregate payments during the year to any corporation, partnership, organization of any kind, or individual (other than for services as an employee or for payments made for medical and related services) amounted to $5,000 in the case of a Class B company or $10,000 in the case of a Class A company, including payments for legislative services except those which should be reported in Account 426.4, Expenditures for Certain Civic, Political and Related Activities. For aggregate payments by Class A companies of less than $10,000 and in the amount of $600 or more and aggregate payments by Class B companies of less than $5,000 and in the amount of $600 or more to any one individual, group or partnership there shall be reported the name of the payee, the predominant nature of the services performed and the amount of payment.

(a) Name and address of person or organization rendering services;

(b) Description of services received during year and project or case to which services relate;

(c) Basis of charges;

(d) Total charges for the year detailing utility department and account charged;

2. For any such services which are of a continuing nature give date and term of contract and date of Commission authorization, if contract received Commission approval.

3. Designate associated companies.

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DISTRIBUTION OF SALARIES AND WAGES

Report below the distribution of total salaries and wages for the year. Amounts originally charged to clearing accounts should be segregated as to *Utility Departments, Construction, Plant Removals, and Other Accounts*, and shown in the appropriate lines and spaces provided for such amounts on pages 355 and 356. In determining this segregation of salaries and wages originally charged to clearing accounts a method of approximation giving substantially correct results may be used.

Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll Charged Clearing Accounts (c)	Total (d)
1	ELECTRIC	$	$	$
2	Operation:			
3	Production			
4	Transmission			
5	Distribution			
6	Customer Accounts			
7	Sales			
8	Administrative and General			
9	Total Operation			
10	Maintenance:			
11	Production			
12	Transmission			
13	Distribution			
14	Customer Accounts			
15	Sales			
16	Administrative and General			
17	Total Maintenance			
18	Total Operation and Maintenance:			
19	Production			
20	Transmission			
21	Distribution			
22	Customer Accounts			
23	Sales			
24	Administrative and General			
25	Total Operation and Maintenance			
26	GAS			
27	Operation:			
28	Production—Manufactured Gas			
29	Production—Natural Gas (incl. Expl. and Dev.)			
30	Other Gas Supply			
31	Storage			
32	Transmission			
33	Distribution			
34	Customer Accounts			
35	Sales			
36	Administrative and General			
37	Total Operation			
38	Maintenance:			
39	Production—Manufactured Gas			
40	Production—Natural Gas			
41	Other Gas Supply			
42	Storage			
43	Transmission			
44	Distribution			
45	Customer Accounts			
46	Sales			
47	Administrative and General			
48	Total Maintenance			
49				
50				

Continued

DISTRIBUTION OF SALARIES AND WAGES (Continued)

Line No	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll Charged Clearing Accts (c)	Total (d)
	GAS (Continued)	$	$	$
51	Total Operation and Maintenance:			
52	Production—Manufactured Gas			
53	Production—Natural Gas (incl. Expl. and Dev.)			
54	Other Gas Supply			
55	Storage			
56	Transmission			
57	Distribution			
58	Customer Accounts			
59	Sales			
60	Administrative and General			
61	Total Operation and Maintenance			
62	WATER			
63	Operation:			
64	Source of Supply			
65	Pumping			
66	Treatment			
67	Transmission and Distribution			
68	Customer Accounts			
69	Sales			
70	Administrative and General			
71	Total Operation			
72	Maintenance:			
73	Source of Supply			
74	Pumping			
75	Treatment			
76	Transmission and Distribution			
77	Customer Accounts			
78	Sales			
79	Administrative and General			
80	Total Maintenance			
81	Total Operation and Maintenance:			
82	Source of Supply			
83	Pumping			
84	Treatment			
85	Transmission and Distribution			
86	Customer Accounts			
87	Sales			
88	Administrative and General			
89	Total Operation and Maintenance			
90	OTHER UTILITY DEPARTMENTS			
91	Operation and Maintenance			
92	Total All Utility Departments			
93	UTILITY PLANT			
94	Construction (by utility departments):			
95	Electric Plant			
96	Gas Plant			
97	Other			
98	Total Construction			
99	Plant Removal (by utility departments):			
100	Electric Plant			
101	Gas Plant			
102	Other			
103	Total Plant Removal			
104	Other Accounts			
105	TOTAL SALARIES AND WAGES			

GAS PLANT IN SERVICE

(In addition to Account 101, Gas Plant in Service (Classified), this schedule includes Account 102, Gas Plant Purchased or Sold, Account 103, Gas Plant in Process of Reclassification, and Account 106, Completed Construction Not Classified Gas.)

1. Report below the original cost of gas plant in service according to prescribed accounts.

2. Corrections of additions and retirements for the current or preceding year should be included in column (c) or (d) as appropriate.

3. Credit adjustments of plant accounts should be enclosed in parentheses to indicate the negative effect of such amounts.

4. Reclassifications or transfers within utility plant accounts should be shown in column (f). Include also in column (f) the additions or reductions of primary account classifications arising from distribution of amounts initially recorded in Account 102 Gas Plant Purchased, or Sold. In showing the clearance of Account 102 include in column (e) the amounts with respect to accumulated provision for depreciation, acquisition adjustments, etc., and show in column (f) only the offset to the debits or credits distributed in column (f) to primary account classifications.

Line No.	Account (a)	Balance beginning of year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance end of year (g)
1	1. INTANGIBLE PLANT	$	$	$	$	$	$
2	301 Organization						
3	302 Franchises and consents						
4	303 Miscellaneous Intangible Plant						
5	Total Intangible Plant						
6	2. PRODUCTION PLANT						
7	*Natural Gas Production and Gathering Plant*						
8	325.1 Producing lands						
9	325.2 Producing leaseholds						
10	325.3 Gas rights						
11	325.4 Rights-of-way						
12	325.5 Other land and land rights						
13	326 Gas well structures						
14	327 Field compressor station structures						
15	328 Field meas. and reg. sta. structures						
16	329 Other structures						
17	330 Producing gas wells—well construction						
18	331 Producing gas wells—well equipment						
19	332 Field lines						
20	333 Field compressor station equipment						
21	334 Field meas. and reg. sta. equipment						
22	335 Drilling and cleaning equipment						
23	336 Purification equipment						
24	337 Other equipment						
25	Total Production and Gathering Plant						
26	*Products Extraction Plant*						
27							
28	340 Land and land rights						
29	341 Structures and improvements						
30	342 Extraction and refining equipment						
31	343 Pipe lines						
32	344 Extracted products storage equipment						

GAS PLANT IN SERVICE (Continued)

Line No.	Account (a)	Balance beginning of year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance end of year (g)
	2. PRODUCTION PLANT—Continued *Products Extraction Plant—Continued*	$	$	$	$	$	$
33	345 Compressor equipment						
34	346 Gas meas. and reg. equipment						
35	347 Other equipment						
36	Total Products Extraction Plant						
37	Total Nat. Gas Production Plant						
38	Manufactured gas prod. plant (submit sched.)						
39	Total Production Plant						
40	3. STORAGE PLANT						
41	*Underground Storage Plant*						
42							
43							
44	350.1 Land						
45	350.2 Leaseholds						
46	350.3 Storage rights						
47	350.4 Rights-of-way						
48	350.5 Gas rights						
49	351 Structures and improvements						
50	352 Wells						
51	353 Lines						
52	354 Compressor station equipment						
53	355 Measuring and reg. equipment						
54	356 Purification equipment						
55	357 Other equipment						
56	Total Underground Storage Plant						
57							
58							
59	*Local Storage Plant*						
60							
61							
62	360 Land and land rights						
63	361 Structures and improvements						
64	362 Gas holders						
65	363 Other equipment						
66	Total Local Storage Plant						
67	Total Storage Plant						

68		4. TRANSMISSION PLANT						
69								
70	365.1	Land and land rights						
71	365.2	Rights-of-way						
72	366	Structures and improvements						
73	367	Mains						
74	368	Compressor station equipment						
75	369	Measuring and reg. sta. equipment						
76	370	Communication equipment						
77	371	Other equipment						
78		Total Transmission Plant						
79								
80		5. DISTRIBUTION PLANT						
81								
82	374	Land and land rights						
83	375	Structures and improvements						
84	376	Mains						
85	377	Compressor station equipment						
86	378	Meas. and reg. sta. equip.—General						
87	379	Meas. and reg. sta. equip.—City gate						
88	380	Services						
89	381	Meters						
90	382	Meter installations						
91	383	House regulators						
92	384	House reg. installations						
93	385	Industrial meas. and reg. sta. equipment						
94	386	Other prop. on customers' premises						
95	387	Other equipment						
96		Total Distribution Plant						
97								
98								
99								
100								
101								
102								
103								
104								
105								

GAS PLANT IN SERVICE (Continued)

Line No.		Account (a)	Balance beginning of year (b)	Additions (c)	Retirements (d)	Adjustments (e)	Transfers (f)	Balance end of year (g)
106		6. GENERAL PLANT	$	$	$	$	$	$
107	389	Land and land rights						
108	390	Structures and improvements						
109	391	Office furniture and equipment						
110	392	Transportation equipment						
111	393	Stores equipment						
112	394	Tools, shop and garage equipment						
113	395	Laboratory equipment						
114	396	Power operated equipment						
115	397	Communication equipment						
116	398	Miscellaneous equipment						
117		Subtotal						
118	399	Other tangible property*						
119		Total general plant						
120		Total (Accounts 101 and 106)						
121	102	Gas plant purchased**					( )	
122	102	Gas plant sold**	( )					( )
123	103	Gas plant in process of reclassification***						
124		Total Gas Plant in Service						

* State the nature and use of plant included in this account and if substantial in amount submit a supplementary schedule showing subaccount classification of such plant conforming to the requirements of this schedule.

** For each amount comprising the reported balance and changes in Account 102, state the property purchased or sold, name of vendor or purchaser, and date of transaction. If proposed journal entries have been filed with the Commission as required by the Uniform System of Accounts, give also date of such filing.

*** If any property is reported as "in process of reclassification," submit a supporting schedule showing amount of such property according to detail accounts in which classified.

Note. Completed Construction Not Classified, Account 106, shall be classified in this schedule according to prescribed accounts, on an estimated basis if necessary, and the entries included in column (c). Also to be included in column (c) are entries for reversals of tentative distributions of prior year reported in column (c). Likewise, if the respondent has a significant amount of plant retirements which have not been classified to primary accounts at the end of the year, a tentative distribution of such retirements, on an estimated basis with appropriate contra entry to the account for accumulated depreciation provision, shall be included in column (d). Include also in column (d) reversals of tentative distributions of prior year of unclassified retirements. Attach an insert page showing the account distributions of these tentative classifications in columns (c) and (d) including the reversals of the prior years tentative account distributions of these amounts. Careful observance of the above instructions and the texts of Accounts 101 and 106 will avoid serious omissions of the reported amount of respondent's plant actually in service at end of year.

GAS PLANT LEASED TO OTHERS (Account 104)

1. Report below the information called for concerning gas plant leased to others.
2. In column (c) give the date of Commission authorization of the lease of gas plant to others.

Line No.	Name of lessee (Designate associated companies) (a)	Description of property leased (b)	Commission author-ization (c)	Expiration date of lease (d)	Balance end of year (e)
					$
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
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33					
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35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47				TOTAL	

GAS PLANT HELD FOR FUTURE USE (Account 105)

1. Report separately each property held for future use at end of the year having an original cost of $100,000 or more. Other items of property held for future use may be grouped provided that the number of properties so grouped is indicated.

2. For property having an original cost of $100,000 or more previously used in utility operations, now held for future use, give, in addition to other required information, the date that utility use of such property was discontinued, and the date the original cost was transferred to Account 105.

Line No.	Description and Location of Property (a)	Date Originally Included in This Account (b)	Date Expected to be used in Utility Service (c)	Balance end of Year (d)
1	Natural gas lands, leaseholds, and gas rights held for future utility			$
2	use (per page No. 547)			
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
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43				
44				
45				
46				
47	TOTAL			

CONSTRUCTION WORK IN PROGRESS AND COMPLETED CONSTRUCTION NOT CLASSIFIED—GAS
(Accounts 107 and 106)

1. Report below descriptions and balances at end of year of projects in process of construction and completed construction not classified for projects actually in service. For any **substantial** amounts of completed construction not classified for plant actually in service explain the circumstances which have prevented final classification of such amounts to prescribed primary accounts for plant in service.

2. The information **specified** by this schedule for Account 106, Completed Construction Not Classified—Gas, shall be **furnished even though this account is included in the schedule,** Gas Plant in Service, pages 501-504, according to a tentative **classification by primary accounts.**

3. Minor projects may be grouped.

Line No.	Description of Project (a)	Construction Work in Progress—Gas (Account 107) (b)	Completed Construction Not Classified—Gas (Account 106) (c)	Estimated Additional Cost of Project (d)
1		$	$	$
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
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31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42	TOTAL			

ACCUMULATED PROVISIONS FOR DEPRECIATION OF GAS PLANT (Accounts 108, 109, 110)

1. Report below the information called for concerning accumulated provisions for depreciation of gas plant at end of year and changes during year.

2. Explain any important adjustments during year.

3. **Explain any difference between the amount for book cost of plant retired, line 11, column (c), and that reported in the schedule for gas plant in service, pages 501–504, column (d) exclusive of retirements of nondepreciable property.**

4. **The provisions of Accounts 108, 109, and 110 of the Uniform System of Accounts contemplate that retirements of depreciable plant be recorded when such plant is removed from service. There also shall be included in this schedule the amounts of plant retired, removal expenses, and salvage on an estimated basis if necessary with respect to any significant amount of plant actually retired from service but for which appropriate entries have not been made to the accumulated provisions for depreciation accounts.** The inclusion of these amounts in this schedule shall be made even though it involves a journal entry in the books of account as of end of year recorded subsequent to closing of respondent's books. See also the note to the schedule for gas plant in service, page 504.

5. Show separately interest credits under a sinking fund or similar method of depreciation accounting.

6. In section B show the amounts applicable to prescribed functional classifications.

A. Balances and Changes During Year

Line No.	Item (a)	Total (b)	Gas plant in service (Account 108) (c)	Gas plant leased to others (Account 109) (d)	Gas plant held for future use (Account 110) (e)
		$	$	$	$
1	Balance beginning of year				
2	Depreciation provisions for year, charged to:				
3	(403) Depreciation expense				
4	**(413) Expenses of gas plant leased to others**				
5	Transportation expenses-clearing				
6	Other clearing accounts				
7	Other accounts (specify):				
8					
9	Total depreciation provisions for year				
10	**Net charges for plant retired:**				
11	Book cost of plant retired				
12	**Cost of removal**				
13	Salvage (credit)				
14	Net charges for plant retired				
15	Other debit or credit items (describe):				
16					
17	Balance end of year				

B. Balances at End of Year According to Functional Classifications

Line No.	Item (a)	Total (b)	Gas plant in service (Account 108) (c)	Gas plant leased to others (Account 109) (d)	Gas plant held for future use (Account 110) (e)
18	Production—manufactured gas				
19	Production and gathering—natural gas				
20	Products extraction—natural gas				
21	Underground gas storage				
22	Local gas storage				
23	Transmission				
24	Distribution				
25	General				
26	Total				

ACCUMULATED PROVISION FOR AMORTIZATION AND DEPLETION OF PRODUCING NATURAL GAS LAND AND LAND RIGHTS (Account 111.1 & Account 112)

1. Report below particulars concerning these accounts.
2. Explain and give particulars of important adjustments during the year.
3. Under "Debits or (credits) to surplus," line 16 report the excess of book cost of land and land rights retired, less any proceeds realized at retirement, over the accumulated provisions for such land and land rights.

Account Balance and Changes During Year

Line No.	Item (a)	Total (b)	Gas Plant in Service (c)	Gas Plant leased to Others (d)
1	Balance beginning of year	$	$	$
2	Depletion accruals for year, charged to:			
3	(404.1) Amortization & depletion of producing			
4	natural gas land and land rights			
5	(413) Expenses of gas plant leased to others..			
6	Other accounts: (Specify)			
7				
8				
9				
10	Total accruals			
11	Total (line 1 plus line 10)			
12				
13	Net charges for retirements during year:			
14	Book cost of land & land rights retired.......			
15	Proceeds realized (credit)			
16	Debits or (credits) to surplus (see instr. 3)..			
17				
18				
19	Net charges for retirements			
20				
21	Other debits and credits: (describe separately)			
22				
23				
24				
25				
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47	Balance end of year			

Annual report of

Year ended December 31, 19

ACCUMULATED PROVISION FOR AMORTIZATION OF UNDERGROUND STORAGE LAND AND LAND RIGHTS (Account 111.2 & Account 11 2)

1. Report below particulars concerning these accounts.
2. Explain and give particulars of important adjustments during the year.
3. Under "Debits or (credits) to surplus," line 16 report the excess of book cost of land and land rights retired, less any proceeds realized at retirement, over the accumulated provisions for such land and land rights.

Account Balance and Changes During Year

Line No.	Item (a)	Total (b)	Gas Plant in Service (c)	Gas Plant leased to Others (d)
		$	$	$
1	Balance beginning of year			
2	Depletion accruals for year, charged to:			
3	(404.2) Amortization of underground storage			
4	land and land rights			
5	(413) Expenses of gas plant leased to others..			
6	Other accounts: (Specify)			
7				
8				
9				
10	Total accruals			
11	Total (line 1 plus line 10)			
12				
13	Net charges for retirements during year:			
14	Book cost of land & land rights retired.......			
15	Proceeds realized (credit)			
16	Debits or (credits) to surplus (see instr. 3)..			
17				
18				
19	Net charges for retirements			
20				
21	Other debits and credits: (describe separately)			
22				
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47	Balance end of year			

ACCUMULATED PROVISIONS FOR AMORTIZATION OF OTHER GAS PLANT IN SERVICE, AMORTIZATION AND DEPLETION OF GAS PLANT LEASED TO OTHERS, AMORTIZATION OF OTHER GAS PLANT HELD FOR FUTURE USE (Accounts 111.3, 112, 113.2)

1. Report below particulars concerning these accounts.
2. Explain and give particulars of important adjustments during the year.
3. **Describe properties briefly and state plant amounts to which these accounts relate.**

Line No.	Item (a)	Amort. of Other Gas Plant in Service (Acct. 111.3) (b)	Amort. and Depl. of Gas Plant Leased to Others (Acct. 112) (c)	Amort. of Other Gas Plant Held for Future Use (Acct. 113.2) (d)
1	Balance beginning of year	$	$	$
2	CREDITS			
3	(Specify accounts debited)			
4				
5				
6				
7				
8				
9	Total Credits			
10	DEBITS			
11	(Specify accounts credited)			
12				
13				
14				
15				
16				
17				
18	**Total Debits**			
19	**Balance end of year**			

ACCUMULATED PROVISION FOR ABANDONMENT OF LEASES (Account 113.1)

1. Report below particulars concerning accumulated provisions for abandonment of natural gas leases which have never been productive.

2. Explain and give particulars of important adjustments during the year.

Line No.	Item (a)	Amount (b)
		$
1	Balance beginning of year	
2	Provisions for year, charged to:	
3	(797) Abandoned leases	
4	Other accounts: (specify)	
5		
6		
7		
8		
9		
10	Total provisions for year	
11	Total (line 1 plus line 10)	
12		
13	Net charges for natural gas leases abandoned:	
14	Book cost of leases abandoned:	
15	State..........County..........Acres..........	
16	State..........County..........Acres..........	
17	State..........County..........Acres..........	
18	State..........County..........Acres..........	
19	State..........County..........Acres..........	
20	State..........County..........Acres..........	
21	State..........County..........Acres..........	
22	State..........County..........Acres..........	
23	State..........County..........Acres..........	
24	State..........County..........Acres..........	
25		
26	Expenses incidental to abandonment	
27	Total charges for leases abandoned	
28		
29	Other debits and credits: (describe separately)	
30		
31		
32		
33		
34		
35		
36	Balance end of year	

GAS PLANT ACQUISITION ADJUSTMENTS AND ACCUMULATED PROVISION FOR AMORTIZATION OF GAS PLANT ACQUISITION ADJUSTMENTS (Accounts 114, 115) (Former Accounts 100.5, 252)

1. Report the balances at beginning and end of year and changes during the year for Gas Plant Acquisition Adjustments, Account 114, and Accumulated Provision for Amortization of Gas Plant Acquisition Adjustments, Account 115.

2. Explain each debit and credit during the year, give reference to any Commission orders or other authorizations concerning such amounts, and show contra account debited or credited.

3. For acquisition adjustments arising during the year state the name of the company from which the property was acquired, date of transaction, and date journal entries clearing Account 102, Gas Plant Purchased or Sold, were accepted for filing by the Commission.

4. Credits to Account 114 and debits to Account 115 should be enclosed in parenthesis.

5. In the blank space at the bottom of the schedule explain the plan of disposition of acquisition adjustments. Give, also, date the Commission authorized use of Account 115, Accumulated Provision for Amortization of Gas Plant Acquisition Adjustments or former Account 252.

Line No.	Item (a)	Contra Account (b)	Acquisition Adjustments (Account 114) (c)	Accumulated Provision for Amortization (Account 115) (d)
1	Balance beginning of year		$	$
2				
3				
4				
5				
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28				
29	Balance end of year			

GAS OPERATING REVENUES (Account 400)

1. Report below natural gas operating revenues for each prescribed account, and manufactured gas revenues in total.

2. Natural gas means either natural gas unmixed or any mixture of natural and manufactured gas.

3. Number of customers, cols. (f) and (g), should be reported on the basis of meters, plus number of flat rate accounts, except that where separate meter readings are added for billing purposes one customer should be counted for each group of meters so added. The average number of customers means the average of twelve figures at the close of each month. If customer count in the residential and commercial classifications includes customers counted more than once because of special services, such as space heating, etc., indicate in a footnote the number of such duplicate customers included in each of the two service classifications.

4. Quantities of natural gas sold should be reported in M.c.f. If billings are on a therm basis, the B.t.u. content of the gas sold should be given, and the sales converted to M.c.f. for the purpose of this report.

5. If increases or decreases from preceding year, columns (c), (e) and (g), are not derived from previously reported figures, explain any inconsistencies.

6. Classification of Commercial and Industrial Sales, Account 481, according to Small (or Commercial) and Large (or Industrial) may be according to the basis of classification regularly used by the respondent if such basis of classification is not greater generally than 200,000 M.c.f. per year or approximately 800 M.c.f. per day of normal requirements. See Account 481 of the Uniform System of Accounts. Explain basis of classification.

Line No.	Schedule 59 TITLE OF ACCOUNT (a)	OPERATING REVENUES		M.C.F. OF NATURAL GAS SOLD *		AVG. NO. OF NAT. GAS CUSTRS. PER MO.	
		Amount for year (b)	Incr. or Decr. from preceding year (c)	Quantity for year (d)	Incr. or Decr. from preceding year (e)	Number of Customers (f)	Incr. or Decr. from preceding year (g)
1	GAS SERVICE REVENUES	$	$				
2	480 Residential sales..................						
3	481 Commercial & Industrial sales.....						
4	Small (or comm.) see instr. 6....						
5	Large (or ind.) see instr. 6......						
6	482 Other sales to public authorities.						
7	484 Interdepartmental sales...........						
8	Total sales to ultimate consumers.						
9	483 Sales for resale..................						
10	Total nat. gas service revenues..						
11	Revenues from manufactured gas...						
12	Total gas service revenues......						
13	OTHER OPERATING REVENUES						
14	487 Forfeited discounts..............						
15	488 Misc. service revenues............						
16	489 Rev. from trans. of gas of others.						
17	490 Sales of prod. ext. from nat. gas.						
18	491 Rev. from nat. gas proc. by others..						
19	492 Incidental gasoline and oil sales.						
20	493 Rent from gas property............						
21	494 Interdepartmental rents...........						
22	495 Other gas revenues						
23	Total other operating revenues...						
24	Total gas operating revenues.....						

Line No.				
25	Sales by communities (incl. main line sales to resid. and comm. custrs.).	$	Rev.	Mcf
26	Main line industrial sales (incl. main line sales to pub. authorities) ..			
27	Sales for resale			
28	Other sales to public authorities (from local distribution only)			
29	Interdepartmental sales			Mcf
30	Total as above - line 10 columns (b) and (d)	$	Rev.	

(See pg. 108, Important Changes During Year, for important new territory added and important rate increases or decreases)

* (14.73 psia at 60°F.)

UNAUTHORIZED OVERRUN PENALTIES AND WAIVERS OF PENALTIES

1. Report in the appropriate columns below opposite lines (1), (2) and (3) the pertinent information for the reported year concerning penalties imposed on, and waivers granted to, all resale customers taking unauthorized overrun gas. "Unauthorized overrun gas" refers to that gas taken without permission of your company by a customer on any day in excess of its contractual entitlement under any applicable rate schedule under which service was being rendered.

2. Opposite line (4) report the names of the customers penalized for taking unauthorized overrun gas and the names of those customers not penalized for taking unauthorized overrun gas on the same day, together with the other information as applicable to each of such customers. Indicate the unauthorized overrun volumes for which penalties were charged and the unauthorized overrun volumes for which penalties were not charged.

3. Opposite line (5) report the names of the customers refused overrun gas and the names of the customers taking unauthorized overrun gas on the same day, together with the other information as applicable to each of such customers, including whether penalties were charged or waived for the customers receiving the unauthorized overrun gas and the volume of such unauthorized overrun gas.

4. Respondent may report the information by rate zones if deemed appropriate.

Line No.	Periods in which unauthorized overrun gas was taken and for which penalties were either charged or waived (a)	Name of Customer (b)	Applicable FPC rate schedule under which service was being rendered[1] (c)	Volume of unauthorized overrun gas in Mcf (14.73 psia at 60° F) (d)	Dollar amount of penalty which was		Period for which waiver was granted (g)	Reason for granting the waiver (h)
					charged (e)	waived (f)		
1	During each of the 3 highest days of system peak deliveries.							
2	During the highest consecutive 3-day system peak deliveries.							
3	During the month of highest system deliveries.							
4	On any day when a customer was penalized for taking unauthorized overrun gas while another customer, on the same day, received unauthorized overrun gas without penalty.							
5	On any day when unauthorized overrun gas was taken by a customer while another customer, on the same day, was refused overrun gas.							

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[1] If service was being rendered under a non-FPC rate schedule, so indicate.

Annual report of

Year ended December 31, 19

SALES OF NATURAL GAS BY COMMUNITIES

1. Report below the information called for concerning sales of gas in each community of 10,000 population or more, or according to operating districts or divisions constituting distinct economic areas if the respondent's records do not readily permit reporting by communities. Except for state boundaries, community areas need not hold rigidly to political boundaries and may embrace a metropolitan area and immediate environs. The information called for by this schedule, however, may be reported by individual communities of such size as required by a state regulatory commission concerned. Report in total for each State, sales by classes of service in other communities of smaller size. For main line sales to residential and commercial consumers, report these also in total by States. Do not include in this schedule field and main line sales to industrial consumers. These should be reported in the schedule, Field and Main Line Industrial Sales of Natural Gas, page 519.

Line No.	NAME OF COMMUNITY (a)	Population (b)	B.t.u. content per cu. ft. of gas (c)	TOTAL RESIDENTIAL COMMERCIAL AND INDUSTRIAL			RESIDENTIAL
				Operating revenues (d)	Mcf (14.73 psia at 60° F.) (e)	Average number of customers (f)	Operating revenues (g)
1				$			$
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
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SALES OF NATURAL GAS BY COMMUNITIES (Continued)

2. Provide subheadings and totals for sales within each State.

3. Natural gas means either natural gas unmixed, or any mixture of natural and manufactured gas. Designate, however, those communities in which mixed gas is sold. In a footnote state the components of mixed gas, i.e., whether natural and oil refinery gases, natural and coke oven gases, etc., and specify the approximate percentage of natural gas in the mixture.

RESIDENTIAL (Continued)		COMMERCIAL			INDUSTRIAL			Line No.
Mcf (14.73 psia at 60° F.) (h)	Average number of customers (i)	Operating revenues (j)	Mcf (14.73 psia at 60° F.) (k)	Average number of customers (l)	Operating revenues (m)	Mcf (14.73 psia at 60° F.) (n)	Average number of customers (o)	
		$			$			1
								2
								3
								4
								5
								6
								7
								8
								9
								10
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RESIDENTIAL AND COMMERCIAL SPACE HEATING CUSTOMERS

1. Report below the average number for the year of residential and commercial customers of respondent, who purchase gas for space heating, and the estimated average M. c. f. (14.73 psia at 60° F.) per customer for the year for space heating only.

2. A residential space heating customer, for the purpose of this schedule, is such a customer whose major fuel for heating is gas.

Line No.	Item (a)	Residential (b)	Commercial (c)
1	Average number of space heating customers for the year		
2	(Estimated if not known. Designate if estimated.)		
3			
4	Estimated average M. c. f. per customer for the year for space heating only		
5			
6			
7	Number of space heating customers added during the year		
8			
9	Unfilled applications for space heating at end of year		
10			
11			

INTERRUPTIBLE, OFF PEAK, AND FIRM SALES TO DISTRIBUTION SYSTEM INDUSTRIAL CUSTOMERS

1. Report below the average number for the year of interruptible, off peak, and firm industrial customers on local distribution systems of the respondent and the M. c. f. of gas sales to these customers for the year.

2. Interruptible customers, are those to whom service may be interrupted under terms of the customer's gas contract, or to whom service is required to be interrupted, regardless of contractual arrangements in emergency periods, by law, ordinance, directive, or other requirement of governmental authority. State basis on which interruptible customers are reported.

3. Off peak sales are seasonal and other sales which do not occur during wintertime peak demands.

4. Pressure base of gas volumes to be reported in this schedule is 14.73 psia at 60° F.

Line No.	Item (a)	Number and Amount (b)
31	Interruptible customers:	
32	(a) Average number of customers for the year	
33	(b) M. c. f. of gas sales for the year	
34		
35	Off Peak customers:	
36	(a) Average number of customers for the year	
37	(b) M. c. f. of gas sales for the year	
38		
39	Firm customers:	
40	(a) Average number of customers for the year	
41	(b) M. c. f. of gas sales for the year	
42		
43	Total industrial customers:	
44	(a) Average number of customers for the year	
45	(b) M. c. f. of gas sales for the year	
46		

FIELD AND MAIN LINE INDUSTRIAL SALES OF NATURAL GAS

1. Report below particulars concerning sales of natural gas to industrial customers served other than from local distribution systems operated by the respondent classifying between field sales and transmission sales and further subdividing these sales between sales subject to FPC certification and sales not requiring a FPC certificate. Include also any field and main line sales, classified as Other Sales to Public Authorities and indicate such inclusion. "Field sales" shall mean sales made from wells, from points along gathering lines in gas field or production areas or from points along transmission lines within field or production areas and "transmission sales" shall mean sales made from points along transmission lines not within gas fields or production areas.

2. Natural gas means either natural gas unmixed, or any mixture of natural and manufactured gas. Designate, however, any sales of mixed gas. In a footnote state the components of mixed gas, i.e., natural and refinery gases, natural and coke oven gases, etc., and specify the approximate percentage of natural gas in the mixture.

3. Report separately sales to each field and main line industrial consumer to which sales of 50,000 Mcf or more were made during the year, grouped by States and totalled for each. Other sales should be reported in total for each State, showing number of sales so grouped.

4. Provide separate totals for each State in addition to a grand total for all field and main line industrial sales.

5. Point of delivery, column (c), should be so designated that it can be readily identified on map of the respondent's pipe line system.

6. Use following codes to designate type of sale in Column (d). Firm 1; Off peak 2; Interruptible 3; Other 4. Define by appropriate footnote, the meaning of each term in describing the type of sale, indicating specifically any order of priority in service between types of sale and among sales of the same type.

7. On each line following an entry in Column (h), itemize separately the adjustment portion of the entry in Column (g) due to adjustment provisions, such as purchased gas, tax, Btu or other rate adjustments. The difference between columns (g) and (h) should be the revenues resulting from the base contract rate named in the docket entered in Column (b). The effect of purchased gas, tax, BTU or other rate adjustment provision shall be shown as the quotient of the total annual revenues received for the year from the application of each rate adjustment provision divided by the annual volume of gas delivered.

Line No.	Name of Customer (Designate associated companies) (a)	Latest Effective Docket No. in which Delivery was authorized (b)	Point of delivery (State and county, or city) (c)	Type of sale (see Instr. 6) (d)	Approx. B.t.u. per cu. ft. (e)	Mcf Sold (14.73 psia at 60° F.) (f)	REVENUE			
							Total (to nearest dollar) (g)	Portion due to adjustments (Itemize on following lines) (h)	Cents per Mcf to nearest hundredth	
									Total (i)	Portion due to adjustments (j)
1										
2										
3										
4										
5										
6										
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23										

FIELD AND MAIN LINE INDUSTRIAL SALES OF NATURAL GAS (Continued)

Line No.	Name of Customer (Designate associated companies) (a)	Latest Effective Docket No. in which Delivery was authorized (b)	Point of delivery (State and county, or city) (c)	Type of sale (see Instr. 6) (d)	Approx. B.t.u. per cu. ft. (e)	Mcf Sold (14.73 psia at 60° F.) (f)	REVENUE		Cents per Mcf to nearest hundredth	
							Total (to nearest dollar) (g)	Portion due to adjustments (Itemize on following lines) (h)	Total (i)	Portion due to adjustments (j)
24										
25										
26										
27										
28										
29										
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31										
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33										
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SALES FOR RESALE—NATURAL GAS (Account 483)

1. Report particulars concerning sales of natural gas during the year to other gas utilities and to pipeline companies for resale. Sales to each customer should be subdivided by service classifications identified in column (c) where applicable, by rate schedule designation contained in the company's tariff.

2. Natural gas means either natural gas unmixed, or any mixture of natural and manufactured gas.

3. Provide separate totals for each State in addition to a grand total for all sales to other gas utilities.

4. Point of delivery, column (b), should show name of city or town and State, and such other designation necessary to enable identification on maps of respondent's pipe line system.

5. Designate any sales which are other than firm sales, i.e., sales for storage, etc.

6. Monthly billing demands, as used in column (g) are the number of Mcf in the respective months actually used in computing the demand portion of the customer's bills whereby each number of Mcf is multiplied by the demand portion of the tariff rate. Report in column (g) the sum of the monthly billing demands for the number of months the customer received service or was subject to demand charges.

7. Where consolidated bills for more than one point of delivery are rendered under an FPC rate schedule, the several points of delivery shall be indicated in column (b) and the remainder of the information reported on a consolidated basis corresponding to the billing. Where, however, consolidated bills for more than one point of delivery are not rendered under an FPC rate schedule, the required information shall be furnished for each point of delivery.

8. Designate if Btu per cubic foot of gas is different for any delivery point from that shown in the heading of column (d).

9. For each firm sale of $25,000 or more for the year at each point of delivery show in column (i) peak day volume of gas, at pressure base indicated in column (d) and in column (h) show the date of such peak delivery. If an estimate is used for any peak day delivery state the basis for such estimate. If deliveries ar made to one customer at more than one delivery point, the peak day delivery and date thereof should be shown for each delivery point if billing is on a non-conjunctive basis, and should be shown in total for each such customer if billing is on a conjunctive basis.

10. Summarize total sales as follows: A. Field sales subdivided by deliveries to (i) interstate pipeline companies and (ii) others; B. Transmission system sales divided by deliveries to (i) interstate pipeline companies (ii) intrastate pipeline companies and gas utilities for resale under FPC rate schedules and (iii) others. "Field sales" shall mean sales made from wells, from points along gathering lines in gas field or production areas or from points along transmission lines within fields or production areas and "transmission sales" shall mean sales made from points along transmission lines not within gas fields or production areas.

Line No.	Name of other gas utility (Designate associated companies) (a)	Point of delivery (b)	F P C Tariff Rate Schedule Designation (c)	M c f of gas sold (14.73 psia at 60°F) Approx. B t u per cu ft (d)	Revenue for Year (See Instr. 5) (e)	Average revenue per Mcf (14.73 psia at 60° F.) (f)	Sum of monthly billing demands Mcf (14.73 psia 60° F) (g)	Peak Day Delivery to Customers: Date (h)	Peak Day Delivery to Customers: Mcf (14.73 psia 60° F) (i)
1					$				
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
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22									
23									
24									

SALES FOR RESALE—NATURAL GAS (Account 483) (Continued)

Line No.	Name of other gas utility (Designate associated companies) (a)	Point of delivery (b)	F. P. C. Tariff Rate Schedule Designation (c)	M. c. f. of gas sold (14.73 psia at 60° F.) Approx. B. t. u. per cu. ft. (d)	Revenue for Year (See Instr. 5) (e)	Average revenue per Mcf (14.73 psia at 60° F.) (f)	Sum of monthly billing demands Mcf (14.73 psia 60° F) (g)	Peak Day Delivery to Customers	
								Date (h)	Mcf (14.73 psia 60° F) (i)
					$	(cents)			
25									
26									
27									
28									
29									
30									
31									
32									
33									
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INTERDEPARTMENTAL SALES—NATURAL GAS (Account 484)

Report particulars concerning sales of natural gas included in Account 484.

Line No.	Department and Basis of Charges (a)	Point of Delivery (b)	M. c. f. (14.73 psia at 60° F.) (c)	Revenue (d)
1				$
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
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RENT FROM GAS PROPERTY AND INTERDEPARTMENTAL RENTS (Accounts 493, 494)

1. Report particulars concerning rents received, included in Accounts 493 and 494.
2. Minor rents may be entered at the total amount for each class of such rents.
3. If rents are included which were arrived at under an arrangement for apportioning expenses of a joint facility, whereby the amount included in this account represents profit or return on property, depreciation, and taxes, give particulars and the basis of apportionment of such charges to Account 493 or 494.
4. Provide a subheading and total for each account.

Line No.	Name of lessee or department (Designate associated companies) (a)	Description of property (b)	Amount of revenue for year	
			Natural gas property (c)	Manufactured gas property (d)
			$	$
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				

Rev. (12-46)

REVENUE FROM TRANSPORTATION OF GAS OF OTHERS—NATURAL GAS (Account 489)

1. Report below particulars concerning revenue from transportation or compression by respondent of natural gas of others and subdivided between transportation or compression for interstate pipeline companies and for others.

2. Natural gas means either natural gas unmixed, or any mixture of natural and manufactured gas. Designate, however, if gas transported or compressed is other than natural gas.

3. In column (a) give names of companies from which revenues were derived, points of receipt and delivery, and names of companies from which gas was received and to which delivered.

4. Points of receipt and delivery should be so designated that they can be identified on map of the respondent's pipe line system.

Line No.	NAME OF COMPANY AND DESCRIPTION OF SERVICE PERFORMED (Designate associated companies) (a)	Distance transported (b)	M. c. f. of gas received (14.73 psia at 60° F.) (c)	M. c. f. of gas delivered (14.73 psia at 60° F.) (d)	Revenue (e)	Average revenue per Mcf of gas delivered (14.73 psia at 60° F.) (f)	F. P. C. tariff rate schedule designation (g)
					$	(cents)	
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
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24							
25							
26							
26							
27	TOTAL						

SALES OF PRODUCTS EXTRACTED FROM NATURAL GAS (Account 490)

1. Report particulars concerning sales of gasoline, butane, propane, and other products extracted from natural gas, including sales of any such products which may have been purchased from others for resale.

2. If the purchasers are numerous it is permissible to group the sales by kind of product. Show the number of purchasers so grouped. Show separately, however, sales to associated companies or to companies which were associated at the time the applicable sales contracts were made.

Line No.	Name of purchaser (Designate associated companies) (a)	Name of product (b)	Gallons (c)	Amount (d)	Amount per Gallon (e)
1				$	(cents)
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
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REVENUES FROM NATURAL GAS PROCESSED BY OTHERS (Account 491)

1. Report particulars concerning royalties and other revenues derived from permission granted others for the right to remove products from natural gas of the respondent.

2. If gas of respondent is processed by others for removal of saleable products and no revenue therefrom is derived by the respondent, give name of the processor, description of transaction, date of contract, and Mcf of gas processed during the year.

Line No.	Name of processor and description of transaction (Designate associated companies) (a)	M. c. f. of Respondent's gas processed (14.73 psia at 60° F.) (b)	Revenue (c)
31			$
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			

INCIDENTAL GASOLINE AND OIL SALES AND OTHER GAS REVENUES

(Accounts 492 and 495)

1. Report below particulars concerning revenues included in the above accounts.
2. For incidental gasoline and oil sales state gallons or barrels sold in addition to other information.
3. Provide subheading and total for each account.

Line No.	Name of company (Designate associated companies) (a)	Description (b)	Amount of revenue for year	
			Natural gas operations (c)	Manufactured gas operations (d)
1			$	$
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
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GAS OPERATION AND MAINTENANCE EXPENSES

1. Enter in the space provided the operation and maintenance expenses for the year.
2. If the increases and decreases are not derived from previously reported figures explain in footnotes.

Line No.	Account (a)	Amount for year (b)	Increase or decrease from preceding year (c)
1	I. PRODUCTION EXPENSES	$	$
2	*A. Manufactured Gas Production*		
3	Manufactured gas production (submit schedule)		
4	*B. Natural Gas Production*		
5	*B1. Natural Gas Production and Gathering*		
6	Operation:		
7	750 Operation supervision and engineering		
8	751 Production maps and records		
9	752 Gas wells expenses		
10	753 Field lines expenses		
11	754 Field compressor station expenses		
12	755 Field compressor station fuel and power		
13	756 Field measuring and regulating station expenses		
14	757 Purification expenses		
15	758 Gas well royalties		
16	759 Other expenses		
17	760 Rents		
18	Total operation		
19	Maintenance:		
20	761 Maintenance supervision and engineering		
21	762 Maintenance of structures and improvements		
22	763 Maintenance of producing gas wells		
23	764 Maintenance of field lines		
24	765 Maintenance of field compressor station equipment		
25	766 Maintenance of field meas. and reg. sta. equipment		
26	767 Maintenance of purification equipment		
27	768 Maintenance of drilling and cleaning equipment		
28	769 Maintenance of other equipment		
29	Total maintenance		
30	Total natural gas production and gathering		
31	*B2. Products Extraction*		
32	Operation:		
33	770 Operation supervision and engineering		
34	771 Operation labor		
35	772 Gas shrinkage		
36	773 Fuel		
37	774 Power		
38	775 Materials		
39	776 Operation supplies and expenses		
40	777 Gas processed by others		
41	778 Royalties on products extracted		
42	779 Marketing expenses		
43	780 Products purchased for resale		
44	781 Variation in products inventory		
45	782 Extracted products used by the utility—Credit	( )	
46	783 Rents		
47	Total operation		

Annual report of

Year ended December 31, 19

GAS OPERATION AND MAINTENANCE EXPENSES (Continued)

Line No.		Account (a)	Amount for year (b)	Increase or decrease from preceding year (c)
48		*B2. Products Extraction* (Continued)	$	$
49		Maintenance:		
50	784	Maintenance supervision and engineering		
51	785	Maintenance of structures and improvements		
52	786	Maintenance of extraction and refining equipment		
53	787	Maintenance of pipe lines		
54	788	Maintenance of extracted products storage equipment		
55	789	Maintenance of compressor equipment		
56	790	Maintenance of gas measuring and reg. equipment		
57	791	Maintenance of other equipment		
58		Total maintenance		
59		Total products extraction		
60		*C. Exploration and Development*		
61		Operation:		
62	795	Delay rentals		
63	796	Nonproductive well drilling		
64	797	Abandoned leases		
65	798	Other exploration		
66		Total exploration and development		
67		*D. Other Gas Supply Expenses*		
68		Operation:		
69	800	Natural gas well head purchases		
70	801	Natural gas field line purchases		
71	802	Natural gas gasoline plant outlet purchases		
72	803	Natural gas transmission line purchases		
73	804	Natural gas city gate purchases		
74	805	Other gas purchases		
75		Total purchased gas		
76	806	Exchange gas		
77		Purchased gas expenses:		
78	807.1	Well expenses—Purchased gas		
79	807.2	Operation of purchased gas measuring stations		
80	807.3	Maintenance of purchased gas measuring stations		
81	807.4	Purchased gas calculations expenses		
82	807.5	Other purchased gas expenses		
83		Total purchased gas expenses		
84	808	Gas withdrawn from underground storage—Debit		
85	809	Gas delivered to underground storage—Credit	( )	
86		Gas used in utility operations—Credit:		
87	810	Gas used for compressor station fuel—Credit	( )	
88	811	Gas used for products extraction—Credit	( )	
89	812	Gas used for other utility operations—Credit	( )	
90		Total gas used in utility operations—Credit	( )	
91	813	Other gas supply expenses		
92		Total other gas supply expenses		
93		Total production expenses		

GAS OPERATION AND MAINTENANCE EXPENSES (Continued)

Line No.	Account (a)	Amount for year (b)	Increase or decrease from preceding year (c)
94	2. UNDERGROUND STORAGE EXPENSES	$	$
95	Operation:		
96	814 Operation supervision and engineering		
97	815 Maps and records		
98	816 Wells expenses		
99	817 Lines expenses		
100	818 Compressor station expenses		
101	819 Compressor station fuel and power		
102	820 Measuring and regulating station expenses		
103	821 Purification expenses		
104	822 Exploration and development		
105	823 Gas losses		
106	824 Other expenses		
107	825 Storage well royalties		
108	826 Rents		
109	Total operation		
110	Maintenance:		
111	830 Maintenance supervision and engineering		
112	831 Maintenance of structures and improvements		
113	832 Maintenance of wells		
114	833 Maintenance of lines		
115	834 Maintenance of compressor station equipment		
116	835 Maintenance of measuring and reg. sta. equipment		
117	836 Maintenance of purification equipment		
118	837 Maintenance of other equipment		
119	Total maintenance		
120	Total underground storage expenses		
121	3. LOCAL STORAGE EXPENSES		
122	Operation:		
123	840 Operation supervision and engineering		
124	841 Operation labor and expenses		
125	842 Rents		
126	Total operation		
127	Maintenance:		
128	843 Maintenance supervision and engineering		
129	844 Maintenance of structures and improvements		
130	845 Maintenance of gas holders		
131	846 Maintenance of other equipment		
132	Total maintenance		
133	Total local storage expenses		
134	Total storage expenses		

GAS OPERATION AND MAINTENANCE EXPENSES (Continued)

Line No.	Account (a)	Amount for year (b)	Increase or decrease from preceding year (c)
	4. TRANSMISSION EXPENSES	$	$
135	Operation:		
136	850 Operation supervision and engineering		
137	851 System control and load dispatching		
138	852 Communication system expenses		
139	853 Compressor station labor and expenses		
140	854 Gas for compressor station fuel		
141	855 Other fuel and power for compressor stations		
142	856 Mains expenses		
143	857 Measuring and regulating station expenses		
144	858 Transmission and compression of gas by others		
145	859 Other expenses		
146	860 Rents		
147	Total operation		
148	Maintenance:		
149	861 Maintenance supervision and engineering		
150	862 Maintenance of structures and improvements		
151	863 Maintenance of mains		
152	864 Maintenance of compressor station equipment		
153	865 Maintenance of measuring and reg. station equipment		
154	866 Maintenance of communication equipment		
155	867 Maintenance of other equipment		
156	Total maintenance		
157	Total transmission expenses		
158	5. DISTRIBUTION EXPENSES		
159	Operation:		
160	870 Operation supervision and engineering		
161	871 Distribution load dispatching		
162	872 Compressor station labor and expenses		
163	873 Compressor station fuel and power		
164	874 Mains and services expenses		
165	875 Measuring and regulating station expenses—General		
166	876 Measuring and regulating station expenses—Industrial		
167	877 Measuring and regulating station expenses—City gate check station		
168	878 Meter and house regulator expenses		
169	879 Customer installations expenses		
170	880 Other expenses		
171	881 Rents		
172	Total operation		
173	Maintenance:		
174	885 Maintenance supervision and engineering		
175	886 Maintenance of structures and improvements		
176	887 Maintenance of mains		
177	888 Maintenance of compressor station equipment		
178	889 Maintenance of meas. and reg. sta. equip.—General		
179	890 Maintenance of meas. and reg. sta. equip. Industrial		
180	891 Maintenance of meas. and reg. sta. equip.—City gate check station		
181	892 Maintenance of services		
182	893 Maintenance of meters and house regulators		
183	894 Maintenance of other equipment		
184	Total maintenance		
185	Total distribution expenses		

GAS OPERATION AND MAINTENANCE EXPENSES (Continued)

Line No.	Account (a)	Amount for year (b)	Increase or decrease from preceding year (c)
186	6. Customer Accounts Expenses	$	$
187	Operation:		
188	901 Supervision		
189	902 Meter reading expenses		
190	903 Customer records and collection expenses		
191	904 Uncollectible accounts		
192	905 Miscellaneous customer accounts expenses		
193	Total customer accounts expenses		
194	7. Sales Expenses		
195	Operation:		
196	911 Supervision		
197	912 Demonstrating and selling expenses		
198	913 Advertising expenses		
199	914 Revenues from merchandising, jobbing and contract work	( )	
200	915 Costs and expenses of merchandising, jobbing and contract work		
201	916 Miscellaneous sales expenses		
202	Total sales expenses		
203	8. Administrative and General Expenses		
204	Operation:		
205	920 Administrative and general salaries		
206	921 Office supplies and expenses		
207	922 Administrative expenses transferred—Credit	( )	
208	923 Outside services employed		
209	924 Property insurance		
210	925 Injuries and damages		
211	926 Employee pensions and benefits		
212	927 Franchise requirements		
213	928 Regulatory commission expenses		
214	929 Duplicate charges—Credit	( )	
215	930 Miscellaneous general expenses		
216	931 Rents		
217	Total operation		
218	Maintenance:		
219	932 Maintenance of general plant		
220	Total administrative and general expenses		
221	Total gas operation and maintenance expenses		
222			

GAS OPERATION AND MAINTENANCE EXPENSES (Continued)

SUMMARY

Line No.	Functional Classification (a)	Operation (b)	Maintenance (c)	Total (d)
223	Production:	$	$	$
224	Manufactured gas			
225	Natural gas:			
226	Production and gathering			
227	Products extraction			
228	Exploration and dev.			
229	Total natural gas			
230	Other gas supply expenses			
231	Total production			
232	Underground storage			
233	Local storage			
234	Transmission			
235	Distribution			
236	Customer accounts			
237	Sales			
238	Administrative and general			
239	TOTAL			

NUMBER OF GAS DEPARTMENT EMPLOYEES

Number of gas department employees, payroll period ended________

1. Total regular full-time employees ________
2. Total part-time and temporary employees ________

3. Total employees ________

The data on number of employees should be reported for the payroll period ending nearest to October 31, or any payroll period ending 60 days before or after October 31.

If the respondent's payrolls for the reported period include any special construction forces include such employees as part-time and temporary employees and show the number of such special construction employees so included.

The number of employees assignable to the gas department from joint functions of combination utilities may be determined by estimate, on the basis of employee equivalents. Show the estimated number of equivalent employees attributed to the gas department from joint functions.

RENTS CHARGED

1. Report name of lessor, description of property, account charged, and amount of rent for each annual rent of $25,000 or more charged during the year. Exclude all accounts in connection with Construction Work in Progress.

2. An annual rent of $25,000 or more is inclusive of other payments to or on behalf of the lessor such as taxes, depreciation, assumed interest or dividends on lessor's securities, cost of property replacements,* and other expenditures with respect to the leased property in addition to a stipulated rent but excepting the expense of operating and maintaining the leased property.

3. Give particulars of any rent charges which represent other than stipulated periodical cash payments for rent.

4. Explain the basis of any apportionment of rents to more than one department or account.

5. For each leasing arrangement for a gathering system, transmission line, compressor station, or other operating unit or system, explain succinctly the rental arrangement, the basis on which any charges are apportioned between lessor and lessee, and the responsibility of the respondent for operation and maintenance expenses and replacement of property, etc.

6. Designate any lessors which are associated companies.

A. Rents Charged to Gas Operating Expenses.

Line No.	Name of lessor (a)	Description of property (b)	Account charged (c)	Amount of rent for year (d)
1				$
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25			TOTAL ..	

B. Other Rents Charged (such as charges to Deferred Debits, etc.)

Line No.	Name of lessor (a)	Description of property (b)	Account charged (c)	Amount of rent for year (d)
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39			TOTAL ..	

* See Gas Plant Instruction 6 and Operating Expense Instruction 3 of the Uniform System of Accounts.

EXPLORATION AND DEVELOPMENT EXPENSES (Accounts 795, 796, 798)
(Except Abandoned Leases, Account 797)

1. Report below exploration and development costs for the year, exclusive of Abandoned Leases, Account 797, according to the prescribed accounts as shown by the column headings.
2. Provide subheadings and subtotals for exploration and development costs in each State.
3. Explain in a footnote any differences between amounts reported in column (f) and the amount shown in the schedule, Preliminary Survey and Investigation Charges, page 212, for clearance to Account 798 during the year from Account 183.1, Preliminary Natural Gas Survey and Investigation Charges.

Line No.	Field (a)	County (b)	Delay rentals (Account 795) (c)	Nonproductive well drilling (account 796)		Other exploration costs (Account 798) (f)	Total (g)
				Number of wells (d)	Amount (e)		
1			$		$	$	$
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27		TOTAL ..					

ABANDONED LEASES (Account 797)

1. Report below particulars concerning the provision for the year to cover the probable loss on abandonment of natural gas leases included in Account 105, Gas Plant Held for Future Use, which have never been productive.
2. Explain the basis of determining the year's provision and state whether the basis is the same as that used for the preceding year. If the year's total provision is comprised of separate determinations with respect to certain groups or classes of leases, show separately the determinations for each of such groups or classes. If the provision was so determined that component amounts may be identified by territories, fields, or counties, show the component amounts so identifiable.

Line No.	Item (a)	Amount (b)
41		$
42		
43		
44		
45		
46		
47		
48		
49		
50		
51	TOTAL ..	

GAS PURCHASES (Accounts 800, 801, 802, 803, 804, 805)

1. Report particulars of gas purchases during year.
2. Provide subheadings and totals for prescribed accounts, as follows:
    - 800 Natural Gas Well Head Purchases
    - 801 Natural Gas Field Line Purchases
    - 802 Natural Gas Gasoline Plant Outlet Purchases
    - 803 Natural Gas Transmission Line Purchases
    - 804 Natural Gas City Gate Purchases
    - 805 Other Gas Purchases (not natural gas, see Uniform System of Accounts)

3. Where purchases are from unitized fields, or vendor is a partnership or joint interest arrangement, specify such fact in column (a) and give name of unit operator, principal partner, or largest owner of joint interest, as appropriate.

4. For well head and field line purchases indicate the gas field or production area, county and State.

5. If any gas purchases are made under one contract covering both well head and field line purchases and such amounts are not readily separable, the utility may classify such purchases according to predominant source or according to a reasonable estimate.

6. Field purchases of less than $25,000 per year from individual nonassociated vendors may be grouped by fields or production areas. Show number of purchases so grouped.

7. Show in column (c) the Seller's FPC rate schedule designation and date of contract, including such designations for purchases from independent producers. Intrastate purchases for which there is no required filing of an FPC rate schedule shall be specified as "intrastate," and dates of contracts shown. If for any purchase more than one rate schedule was in effect during the year, show the most recent rate schedule designation and in a footnote give superseded rate schedules and date of supersession, or a succinct explanation. The Operator's rate schedule designation is sufficient in cases where there are co-owners under the same purchase contract, but the entire volume of gas and amount, columns (e) and (f), must be shown for the purchases under the particular contract. Rate schedule designations are not required with respect to small purchases grouped as permitted by instruction 6.

8. Natural gas for the purpose of classifications herein is either natural gas unmixed, or any mixture of natural and manufactured gas.

Line No.	Name of Vendor (Designate associated companies) (a)	Point of Receipt (b)	Seller's FPC Rate Schedule Designation and Date of Contract (c)	Approximate B. t. u. per Cu. Ft. (d)	M. c. f. of Gas (14.73 psia 60° F.) (e)	Amount (f)	Average Amount per M. c. f. (14.73 psia 60° F.) (g) (cents)
1						$	
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
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GAS PURCHASES (Accounts 800, 801, 802, 803, 804, 805) (Continued)

Line No.	Name of Vendor (Designate associated companies) (a)	Point of Receipt (b)	Seller's FPC Rate Schedule Designation and Date of Contract (c)	Approximate B. t. u. per Cu. Ft. (d)	M. c. f. of Gas (14.73 psia 60° F.) (e)	Amount (f)	Average Amount per M. c. f. (g)
27						$	(cents)
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
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61							

EXCHANGE GAS TRANSACTIONS

(Account 806, Exchange Gas)

1. Report below particulars concerning the gas volumes of natural gas exchange transactions during the year. Minor transactions may be grouped.

2. Points of receipt and delivery of gas should be so indicated that they may be readily identified on a map of the respondent's pipeline system.

3. The pressure base of measurement of gas volumes, to be reported in columns (c), (e), and (f), is 14.73 psia at 60° F.

Line No.	Name of Company (Designate associated companies)	Exchange Gas Received		Exchange Gas Delivered		Excess Mcf Received or (Delivered) (14.73 psia at 60° F.)	FPC Tariff Rate Schedule Identification
		Point of Receipt	Mcf (14.73 psia at 60° F.)	Point of Delivery	Mcf (14.73 psia at 60° F.)		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1							
2							
3							
4							
5							
6							
7							
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10							
11							
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18							
19							
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21							
22							
23							
24							
25 26	TOTAL . .						✓

EXCHANGE GAS ACCOUNTING (Account 806, Exchange Gas)

1. Give below the particulars called for concerning each natural gas exchange where consideration was received or paid in performance of gas exchange services.

2. Furnish any additional explanations as may be necessary with respect to the accounting for exchange gas transactions.

3. Part B, net transactions occurring during the year for each rate schedule should be listed individually.

A. Revenues and Charges in Consideration of the Performance of Gas Exchange Services

Line No.	Company (a)	Charges Paid or Payable by Respondent		Revenues Received or Receivable by Respondent		Reference Basis for Revenue or Charge FPC Rate Schedule No. (f)
		Amount (b)	Account (c)	Amount (d)	Account (e)	
1		$		$		
2						
3						
4						
5						
6						
7						
8						
9						

B. Accounting Adjustments

Line No.	Name of Company (a)	Debit (Credit) Account 174 (b)	Debit (Credit) Account 242 (c)	Debit (Credit) Account 806 (d)	Net MCF at 14.73# Pressure Base Received (Delivered) During Year (e)*	Reference Basis of Charge or Credit to Account 806. FPC Rate Schedule No. (f)
1		$	$	$		
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

*Cols. (e) this page, and (f) of pg. 537 totals should agree.

GAS USED IN UTILITY OPERATIONS—CREDIT (Accounts 810, 811, 812)

1. Report below particulars of credits during the year to Accounts 810, 811, 812, which offset charges to operating expenses or other accounts for the cost of gas from the respondent's own supply.

2. Natural gas means either natural gas unmixed, or any mixture of natural and manufactured gas.

3. If the reported M. c. f. for any use is an estimated quantity, state such fact.

4. If any natural gas was used by the respondent for which charge was not made to the appropriate operating expense or other account, list separately in column (c) the M. c. f. of gas so used, omitting entries in columns (d) and (e).

5. Pressure base of measurement, to be reported in columns (c) and (f) is 14.73 psia at 60° F.

Line No.	Purpose for which gas was used	Account charged	Natural Gas			Manufactured Gas	
			M. c. f. of gas used (14.73 psia at 60° F.)	Amount of credit	Amount per M. c. f.	M. c. f. of gas used (14.73 psia at 60° F.)	Amount of credit
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
				$	cents		$
1	810 Gas used for Compressor Station Fuel—Credit						
2	811 Gas used for Products Extraction—Credit						
3	(a) Gas shrinkage and other usage in respondent's own processing						
4	(b) Gas shrinkage, etc., for respondent's gas processed by others						
5	812 Gas Used for Other Utility Operations—Credit						
6	(Report separately for each principal use. Group minor uses.)						
7							
8							
9							
10							
11							
12							
13							
14							
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16							
17							
18							
19							
20							
21							
22							
23							
24							
25	TOTAL	▨					

OTHER GAS SUPPLY EXPENSES (Account 813)

Report other gas supply expenses according to descriptive titles which clearly indicate the nature of such expenses. Show maintenance expenses separately and indicate the functional classification and purpose of property to which any maintenance expenses relate.

Line No.	Description (a)	Amount (b)
1		$
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
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48		
49		
50		
	TOTAL..	

TRANSMISSION AND COMPRESSION OF GAS BY OTHERS (Account 858)

1. Report below particulars concerning gas transported or compressed for respondent by others and amounts of payments for such services during the year.

2. In column (a) give name of companies to which payments were made, points of delivery and receipt of gas, names of companies to which gas was delivered and from which received.

3. Points of delivery and receipt should be so designated that they can be identified readily on map of respondent's pipe line system.

4. If the M. c. f. of gas received differs from the M. c. f. delivered, explain reason for difference, i.e., uncompleted deliveries, allowance for transmission loss, etc.

Line No.	Name of Company and Description of Service Performed (Designate associated companies) (a)	Distance Transported (b)	M. c. f. of Gas Delivered (14.73 psia at 60° F.) (c)	M. c. f. of Gas Received (14.73 psia at 60° F.) (d)	Amount of Payment (e)	Amount per M. c. f. of Gas Received (f)
					$	(cents)
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
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20						
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22						
23						
24						
25						
26	TOTAL					

FRANCHISE REQUIREMENTS (Account 927) (Gas)

1. Report below cash payments of $10,000 or more to municipal or other governmental authorities, and the cost of gas, materials, supplies, and other items furnished such authorities during the year without reimbursement in compliance with franchise, ordinance, or similar requirements. For amounts less than $10,000 the payments may be grouped provided the number of payments so grouped is shown.

2. Give the basis of amounts entered in columns (c) and (d) for gas supplied without charge.

Line No.	Name of municipality or other governmental authority (a)	Cash outlays (b)	Gas supplied without charge		Other items furnished without charge (e)	Total (f)
			Mcf (14.73 psia at 60° F.) (c)	Amount (d)		
1		$		$	$	$
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
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27						
28						
29						
30	TOTAL...					

MISCELLANEOUS GENERAL EXPENSES (Account 930) (Gas)

Report below the information called for concerning items included in miscellaneous general expenses.

Line No.	Description of Item (a)	Amount (b)
1		$
2	Industry association dues	
3	Experimental and general research expenses	
4	Publishing and distributing information and reports to stockholders; trustee, registrar, and transfer agent	
5	fees and expenses, and other expenses of servicing outstanding securities of the respondent	
6	National and local institutional advertising expenses	
7	Other expenses (items of $100 or more are to be listed separately showing the purpose, recipient,	
8	and the amount of such items. Amounts of less than $100 may be grouped by classes if the	
9	number of items so grouped is shown)	
10		
11		
12		
13		
14		
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19		
20		
21		
22		
23		
24		
25	TOTAL	

CONSTRUCTION OVERHEADS—GAS

1. Report below the information called for concerning construction overheads for the year.

2. List in column (a) the kinds of overheads according to the titles used by the respondent. Charges for outside professional services for engineering fees and management or supervision fees capitalized should be shown as separate items.

3. On the lower section of this schedule furnish the requested explanatory information concerning construction overheads.

4. A respondent should not report "none" to this schedule if no overhead apportionments are made, but rather should explain on the lower section of this schedule that only such engineering, supervision and administrative costs, etc., which are directly chargeable to construction are charged to construction, if this is the case. Engineering, supervision, administrative, and interest costs, etc., which are first assigned to a blanket work order and then prorated to construction jobs shall be considered overheads for the purposes of formulating a response to this schedule.

Line No.	Name of overhead (a)	Total overheads cleared to construction (b)	Cost of construction to which overheads were charged (exclusive of overhead charges) (c)	Percent overheads to construction cost (d)
1		$	$	
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15	TOTAL			

GENERAL DESCRIPTION OF CONSTRUCTION OVERHEAD PROCEDURE

1. For each construction overhead for gas plant, explain (a) nature of the engineering, supervisory, or administrative work, etc., the overhead charges are intended to cover, (b) the general procedure for determining the amount capitalized, (c) the method of distribution to construction jobs, (d) percentages applied to different types of construction, (e) basis of differentiation in percentages for different types of construction, and (f) amounts capitalized for each overhead for the year for which this report is submitted.

2. In addition to other information concerning engineering and superintendence or other such overheads, explain whether the amounts treated as overheads include all engineering and superintendence costs or only such portions as are not directly chargeable to specific jobs.

3. For interest during construction state the interest rate used, the basic charges to which applied, in addition to the amounts capitalized for the year for which this report is submitted.

DEPRECIATION, DEPLETION, AND AMORTIZATION OF GAS PLANT (Accounts 403, 404.1, 404.2, 404.3, 405)

(Except Amortization of Acquisition Adjustments)

1. Report in Section A the amounts of Depreciation Expense, and amortization for the accounts indicated, for the year, classified according to functional classifications indicated.

2. In Section B provide subheadings for Accounts 403, 404.1, 404.2, 404.3 and 405 and state the bases and methods used by the respondent in determining charges for depreciation, depletion, and amortization of gas plant for the year. Show the rates by primary accounts used in computing the charges and state the method of computation, i.e., unit-of-production, estimated service lives, etc. State if any change has been made in the rates used or methods of determining depreciation, depletion, and amortization charges from those used for the preceding year, including revised estimates of gas reserves if a unit-of-production method is used.

A. Summary of Depreciation, Depletion, and Amortization Charges

Line No.	Functional Classification (a)	Depreciation expense (Acct. 403) (b)	Amortization and depletion of producing natural gas land and land rights (Acct. 404.1) (c)	Amortization of underground storage land and land rights (Acct. 404.2) (d)	Amortization of other limited-term gas plant (Acct. 404.3) (e)	Amortization of other gas plant (Acct. 405) (f)	Total (g)
		$	$	$	$	$	$
1	Intangible plant						
2	Production plant, manufactured gas						
3	Production and gathering plant, natural gas						
4	Products extraction plant						
5	Underground gas storage plant						
6	Local gas storage plant						
7	Transmission plant						
8	Distribution plant						
9	General plant						
10							
11							
12							
13							
14							
15	TOTAL						

B. Method of Determining Depreciation, Depletion, and Amortization Charges

DEPRECIATION, DEPLETION, AND AMORTIZATION OF GAS PLANT (Continued)

B. Method of Determining Depreciation, Depletion, and Amortization Charges (Continued)

NATURAL GAS RESERVES AND LAND ACREAGE

1. Report below particulars concerning the remaining recoverable salable gas reserves and natural gas land acreage at end of year.

2. Classify the gas reserves and related land and land rights and costs under the sub-headings: (a) Producing Gas Lands, and (b) Non-producing Gas Lands, and provide a total for each classification.

3. For Producing Gas Lands the required information should be reported alphabetically by State, County, or offshore area, and field. If the field name is not assigned report as "unnamed". Offshore fields should be identified according to their location in State or Federal domain by the letter "S" for State domain, and "F" for Federal domain in column (a) and the zone number if applicable in column (b). The land, leasehold, and gas rights costs so reported should agree with the amounts carried under balance sheet account 101, Gas Plant in Service, and as reported in accounts 325.1, 325.2, and 325.3 on page 501. In column (e) show for each field reported in column (c) the year end remaining recoverable salable gas reserves available to respondent from owned lands, leaseholds and gas rights.

4. For Nonproducing Gas Lands the required information should be reported alphabetically by State, County, or offshore area by blocks. Report offshore lands according to instruction 3. The land, lease hold, and gas rights costs so reported should agree with the amounts carried under balance sheet account

Line No.	Offshore Area		Field or Block	County/Offshore Area	Recoverable Gas Reserves (Thousands Mcf)	OWNED LANDS
	Domain (a)	Zone (b)	(c)	(d)	(e)	Acres (f)
			A. PRODUCING GAS LANDS			
			State:			
				(List fields below)		
1						
2						
3						
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26						
27						
28						
29						
30						
31						
32						
33				TOTAL		

Rev (12-69)

NATURAL GAS RESERVES AND LAND ACREAGE (Continued)

105, Gas Plant Held for Future Use, and reported in total on page 506. It is not intended that estimates of gas reserves column (e) should be reported for unproven fields; however, if the company made estimates for such lands and normally includes such estimates in stating its reserve position in connection with proposed financing and for managerial and other purposes, such estimates should be among those reported in this schedule.

5. The cost of lands, leaseholds, and gas rights shall be reported in accordance with the provisions of the Uniform System of Accounts for Natural Gas Companies. The amounts reported shall be the first cost, including amounts of mortgages or other liens assumed, but no amounts for rents paid or payable with respect to leaseholds, easements, natural gas rights, rights-of-way, or other like interests in land.

6. In reporting gas rights, columns (j) and (k), do not duplicate acreages reported for owned lands and leaseholds. Designate royalty interests separately owned.

7. Indicate by footnote whether acres reported are gross acres or net acres based on proportion of ownership in jointly owned tracts.

8. Do not include oil mineral interests in cost of acreage reported.

9. Gas Volumes reported in column (e) should be on a pressure base of 14.73 psia at 60° F.

OWNED LANDS (Cont)	LEASEHOLDS		OWNED GAS RIGHTS		TOTAL		Line No.
Cost (g)	Acres (h)	Cost (i)	Acres (j)	Cost (k)	Acres (l)	Cost (m)	
$		$		$		$	
							1
							2
							3
							4
							5
							6
							7
							8
							9
							10
							11
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							30
							31
							32
							33

Annual report of

Year ended December 31, 19

CHANGES IN ESTIMATED NATURAL GAS RESERVES

1. Report below changes during the year in estimated recoverable natural gas reserves of the respondent.

2. Explanations furnished of revisions of basic reserve estimates should identify the changes with the production areas, fields and horizons shown on the schedule of natural gas reserves, page 548. State the type of studies by which change in the reserve estimates was determined, and furnish such other pertinent explanations as are appropriate.

3. For any important changes in the estimated reserves due to purchases, sales, or exchanges of natural gas lands, leaseholds, or gas rights, furnish a brief explanation of the transactions and the M. c. f. of gas reserves involved.

4. The gas reserves and changes therein to be reported in column (d) are those associated with lands, leaseholds, and gas rights included in Account 105, Gas Plant Held for Future Use. (See Gas Plant Accounts Instruction 7G). It is not intended that estimates of gas reserves should be reported for unproven fields; however, if the company has made estimates for such lands and normally includes such estimates in stating its reserve position in connection with proposed financing and for managerial and other purposes, such estimates should be among those reported in this schedule and in the schedule on page 548 and the inclusion of such reserve estimates indicated.

5. If the respondent submitted estimates of natural gas reserves to the Commission during the year in connection with any proceeding, such as an application for certificate of convenience and necessity, state the amount of such reserve estimate, date of submission and docket number of case with respect to which submitted. Explain wherein the estimates so submitted may differ in amount with the reserves shown by this schedule and state the estimated amount of difference and the reasons therefor.

6. Submit such additional information as may be appropriate concerning the size and dependability of natural gas reserves associated with lands, leaseholds, and gas rights owned by the respondent for which reserve estimates are not reported in this schedule or on page 548.

7. Pressure base of gas volumes reported below is 14.73 psia at 60° F.

Line No.	Item (a)	Total gas reserves Thousands Mcf (b)	Lands, leaseholds, and gas rights in service Thousands Mcf (c)	Lands, leaseholds, and gas rights held for future use Thousands Mcf (d)
1	Estimated natural gas reserves at beginning of year			
	Additions			
2	Purchases and exchanges of lands, leaseholds, and gas rights			
3	Transfers from reserves held for future use			
4	Upward revision of basic reserve estimates (Explain)			
5	Other increases (Explain)			
6	Total Additions			
	Deductions			
7	Natural gas production during year			
8	Sales and exchanges of lands, leaseholds, and gas rights			
9	Transfer of reserves held for future use to reserves in service			
10	Downward revision of estimates of recoverable natural gas reserves (Explain)			
11	Other decreases (Explain)			
12	Total Deductions			
13	Estimated natural gas reserves at end of year			

Rev. (12-68)

NATURAL GAS RESERVES AVAILABLE FROM PURCHASE AGREEMENTS

1. Report below particulars concerning the respondent's gas supply available from purchase contracts. Provide subheadings for (a) well head purchases; (b) field line purchases; (c) gasoline plant outlet purchases; (d) transmission line purchases; (e) city gate purchases corresponding to such accounts provided in the Uniform System of Accounts for classification of gas purchases.

2. Report the names of vendors for each purchase during the year of 1,000,000 M. c. f. or more and group all other vendors under the respective subheadings and show the number thereof. For each vendor listed, show FPC rate schedule, M. c. f. of gas purchased during the year, estimated total volume of gas reserves at end of year which respondent believes will be available to it in meeting its future requirements. For grouped vendors show total M. c. f. of gas purchased during the year and estimated total volume of gas reserves available to respondent at end of year. (See also Instruction 4.)

3. In column (b) show the field or production area from which the estimated gas supply is available. State name of field or production area and county and state. For transmission pipe line purchases where a source of the gas is not specified in the contractual or other arrangements, specify to the extent known, the general area from which vendor's gas supply available to respondent is derived in addition to an estimate of the total gas which will be available to respondent.

4. If for any vendor the reporting company has not been informed of the applicable FPC rate schedule, state this fact. For any purchases or reserves available from purchase agreements which are intrastate in nature insert the word "Intrastate" and date of agreement in column (c).

5. Explain any significant deviation of the volumes of gas available to the respondent as reported in this schedule from the volumes available as reported in the respondent's most recent application for certificate of convenience and necessity where gas supply available from purchase agreements was required to be submitted to the Commission.

6. If for any purchase during the year the respondent is not in possession of information as to the approximate total volume of gas available to the respondent, indicate, as a minimum, the number of years the respondent expects to be able to purchase gas from such vendor in the approximate volume purchased for the year covered by this report. Compute data and show in column (e).

7. Give a brief explanation of any important changes in the estimated gas available from purchase agreements from the amounts of such estimates at the end of the previous year not accounted for by reason of gas purchased during the year as shown below, such as changes due to important new contracts entered into during the year and previously listed contracts which were cancelled or otherwise relinquished.

8. Designate associated companies.

Line No.	Name of vendor (1,000,000 M. c. f. or more) (a)	Field or production area (b)	Seller's F. P. C. Rate Schedule Designation and Date of Contract (c)	M. c. f. purchased during year (14.73 psia at 60° F.) (d)	Estimated total M. c. f. of recoverable pipeline gas available to respondent at end of year (14.73 psia at 60° F.) (e)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					

NATURAL GAS RESERVES AVAILABLE FROM PURCHASE AGREEMENTS (Continued)

Line No.	Name of vendor (1,000,000 M. c. f. or more) (a)	Field or production area (b)	Seller's F. P. C. Rate Schedule Designation and Date of Contract (c)	M. c. f. purchased during year (14.73 psia at 60° F.) (d)	Estimated total M. c. f. of recoverable pipeline gas available to respondent at end of year (14.73 psia at 60° F.) (e)
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
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PRODUCTS EXTRACTION OPERATIONS—NATURAL GAS

1. Report below particulars of operations by the respondent for recovery of gasoline, butane, propane, etc., from natural gas.

2. If the respondent received any gas from others for extraction of products, attach a statement giving particulars of such transactions. State (a) name of company from which such gas was received, (b) name of station in which the gas was processed, (c) Mcf (14.73 psia at 60° F) of gas received, (d) amount paid for the privilege of extracting products, and account to which amount was charged. Minor quantities of gas received for processing may be reported in total for each extraction plant. Designate associated companies.

3. Expenses to be reported herein are those *relating to operation and maintenance of products extraction facilities*, excluding those

Line No.	Item (a)	Total (b)	Name of plant Location (c)	Name of plant Location (d)
1	*Cost of Plant*	$	$	$
2	Land and land rights			
3	Structures			
4	Equipment			
5	Total plant			
6	*Expenses*			
7	Supervision and labor			
8	Gas shrinkage			
9	Fuel *			
10	Power			
11	Other			
12	Maintenance			
13	Rents			
14	Total expenses			
15	*Do fuel costs include gas used from company's own supply?			
16	*Operating and Statistical Data*			
17	Products extracted:			
18	Gasoline (gallons)			
19	Butane (gallons)			
20	Propane (gallons)			
21	Other			
22	Gasoline in storage at end of year, gallons			
23	Gas processed data:			
24	Respondent's gas processed, inputs, M. c. f.			
25	Gas of others processed, M. c. f.			
26	Shrinkage of gas processed, M. c. f.			
27	Gas used for fuel, M. c. f.			
28	Pressure base of measuring M. c. f.			
29	Type of extraction process			
30	Capacities:			
31	Gas treating capacity, M. c. f. per day			
32	Gasoline output capacity, gallons per day			
33	Gasoline storage capacity, gallons			
34	Statistics:			
35	Average M. c. f. per gallon of gasoline			
36	Plant investment per M. c. f. daily treating capacity			
37	Expenses per gallon of product recovered			
38	Extracted products used by respondent (specify product used, quantity, and nature of use)			
39	Date plant placed in service			
40				
41				
42				
43				
44				
45				

PRODUCTS EXTRACTION OPERATIONS—NATURAL GAS (Continued)

expenses not so related, such as royalties, marketing expenses, products purchased for sale, inventory variations, credits for products used, and including such rents and maintenance as are related to extraction plant facilities.

4. Designate any plant held under a title other than full ownership and in a footnote state name of owner or co-owner, nature of respondent's title, and percent ownership if jointly owned.

5. If any plant was not operated during the past year, give particulars in a footnote, and state whether the book cost of such plant, or any portion thereof, has been retired in the books of account, or what disposition of the plant and its book cost is contemplated.

Name of plant Location (e)	Name of plant Location (f)	Name of plant Location (g)	Name of plant Location (h)	Name of plant Location (i)	Name of plant Location (j)	Line No.
						1
						2
						3
						4
						5
						6
						7
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						44
						45

COMPRESSOR STATIONS

1. Report below particulars concerning compressor stations, under separate subheadings for: field compressor stations, products extraction compressor stations, underground storage compressor stations, transmission compressor stations, distribution compressor stations, and other compressor stations.

2. The stated locations of field compressor stations should indicate production areas where such stations are used. Relatively small field compressor stations may be grouped by production areas. Show the number of stations so grouped.

3. Designate any station held under a title other than full ownership and in a footnote state the name of owner or co-owner, the nature of respondent's title, and percent of ownership, if jointly owned.

Line No.	Name of station and location (a)	No. of employees (b)	Plant cost (c)	Expenses (Except depr. and taxes)		Gas for compressor fuel M. c. f. (14.73 psia at 60° F.) (f)
				Fuel or power* (d)	Other (e)	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
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36						
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39						
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42						
43						
44						

* State type of fuel or power, if other than natural gas. If two types of fuel or power are used show separate items for natural gas and the other fuel or power.

COMPRESSOR STATIONS (Continued)

4. If any station was not operated during the past year, designate such station and in a footnote state whether the book cost of such station has been retired in the books of account, or what disposition of the station and its book cost are contemplated.

5. If any compressor units in transmission compressor stations were installed and put into operation during the year, designate the station and show in a footnote, the size of each such unit, and the date each such unit was placed in operation.

Driving units			Compressor units			Operation data			
Total mfrs. hp. ratings of all units** (g)	No. of units (h)	Year installed (i)	Total mfrs. ratings of maximum capacities per hr. of all units M. c. f. (14.73 psia at 60° F.) (j)	No. of units (k)	Year installed (l)	Total compressor hours operation during year (m)	No. of comprs. operated at time of sta. peak (n)	Date of station peak (o)	Line No.
									1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
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									44

** If other than gas engine, designate: electric motor, EM; steam engine, St. E; oil engine, OE; etc.

Annual report of

Year ended December 31, 19

NUMBER OF GAS AND OIL WELLS

1. Report below the particulars concerning gas and oil wells of the respondent which are either producing or capable of production.

2. The required information should be reported alphabetically by states. List wells located offshore separately by states.

3. List gas wells first, then under separate headings list oil wells and combination wells (wells producing or capable of production from one or more oil reservoirs and also from one or more gas reservoirs.) Show separately the total number of gas wells, the total number of oil wells, and the total number of combination wells.

4. In column (f) report wells reclassified during the year as between oil wells, gas wells, or combination wells. Show additions in black and deductions in red or enclosed in parenthesis. The total black items should equal the total red items.

5. Designate any wells which were held under a title other than full ownership and in a footnote state respondents net interest.

6. If any wells were not operated during the past year, designate such wells and in a footnote state whether the book cost of such wells, or any portion thereof, has been retired in the books of account, or what disposition of the wells and their book cost is contemplated.

Line No.	Location (a)	Number of wells beginning of year (b)	ADDITIONS DURING YEAR			Wells reclassified (f)	REDUCTIONS DURING YEAR			Number of wells end of year (j)
			Successful wells drilled (c)	Wells purchased (d)	Total (e)		Wells abandoned (g)	Wells sold (h)	Total (i)	
	Producing Gas wells:									
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
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41										

FIELD AND STORAGE LINES

1. Report below the miles of pipe of various sizes comprising gathering systems and those of underground gas storage projects operated by the respondent during the year.

2. Provide separate subheadings and totals for (a) gathering system field lines and (b) underground storage lines.

3. Information on gathering system field lines should be reported by State. The lines for each storage project should be reported separately so as to correspond with storage projects reported on page 560.

4. If any field lines or storage lines were not operated during the past year give particulars of such lines in a footnote and state whether the book cost of such lines or any portion thereof, has been retired in the books of account, or what disposition of the lines and their book cost is contemplated.

5. Miles of pipe should be reported to the nearest tenth of a mile.

Line No.	Designation of gathering system and production area or storage area (a)	Total miles of pipe (b)	Diameter of Pipe (Inches)														
			(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)
1																	
2																	
3																	
4																	
5																	
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26																	
27																	
28																	
29																	

UNDERGROUND GAS STORAGE

1. Report particulars for each underground gas storage project.
2. Total storage plant should agree with amounts reported by the respondent in Accounts 350.1 to 357, inclusive.
3. Give particulars of any gas stored for the benefit of another company under a gas exchange arrangement or on basis of purchase and resale to other company. Designate if other company is an associated company.
4. Designate each storage field or project by type of reservoir, i.e., E, expansion; W, waterdrive; A, aquifer.
5. Pressure base of gas volumes reported below is 14.73 psia at 60° F.

Line No.	Item (a)	Total (b)	Project Location (c)	Project Location (d)	Project Location (e)
1	*Storage Plant*	$	$	$	$
2	Land and land rights				
3	Structures and improvements				
4	Storage wells				
5	Storage lines				
6	Other storage equipment				
7	Total				
8	*Storage Expenses*				
9	Operation				
10	Maintenance				
11	Rents				
12	Total				
13	*Storage Operations*	Mcf	Mcf	Mcf	Mcf
14	Gas delivered to storage:				
15	January				
16	February				
17	March				
18	April				
19	May				
20	June				
21	July				
22	August				
23	September				
24	October				
25	November				
26	December				
27	Total				
28	Gas withdrawn from storage:				
29	January				
30	February				
31	March				
32	April				
33	May				
34	June				
35	July				
36	August				
37	September				
38	October				
39	November				
40	December				
41	Total				
42	Stored gas end of year—Mcf				
43	Est. native gas in storage reservoir—Mcf				
44	Total gas in reservoir—Mcf (42 plus 43)				
45	Storage capacity (excl. native gas)—Mcf				
46	Reservoir pressure at which storage capacity				
47	computed				
48	Number of storage wells in project				
49	Number of acres of storage area				
50	Maximum day's withdrawal from storage				
51	Date of maximum day's withdrawal				
52	Year storage operations commenced				

UNDERGROUND GAS STORAGE (Continued)

PROJECT LOCATION (f)	PROJECT LOCATION (g)	PROJECT LOCATION (h)	PROJECT LOCATION (i)	PROJECT LOCATION (j)	PROJECT LOCATION (k)	Line No.
$	$	$	$	$	$	1
						2
						3
						4
						5
						6
						7
						8
						9
						10
						11
						12
Mcf	Mcf	Mcf	Mcf	Mcf	Mcf	13
						14
						15
						16
						17
						18
						19
						20
						21
						22
						23
						24
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						50
						51
						52

TRANSMISSION LINES

1. Report below by States the miles of transmission lines of various sizes of pipe of each transmission system operated by respondent at end of year.

2. Show separately and designate any lines held under a title other than full ownership and in a footnote state name of owner, or co-owner, nature of respondent's title, and percent ownership if jointly owned.

3. If any line was not operated during the past year show separately and give particulars in a footnote, and state whether the book cost of such line, or any portion thereof, has been retired in the books of account, or what disposition of the line and its book cost are contemplated.

4. One decimal point is sufficient in stating miles of pipe.

Line No.	Designation of line or group of lines	Total miles of pipe	Diameter of Pipe (Inches)														
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)
1																	
2																	
3																	
4																	
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22																	
23																	
24																	
25																	
26																	
27																	
28	TOTAL . .																

MANUFACTURED GAS PRODUCTION STATISTICS

1. Report below particulars concerning manufactured gas plants and gas manufacture, except LPG plants, particulars concerning which are reported in the schedule on page 564.

2. For location of plant, column (a), give city and State or such other designation necessary to locate plant on the respondent's system.

3. For type of manufacturing process, column (b), state coke oven, water gas, or other process of manufacture.

4. Designate any plant held under a title other than full ownership and in a footnote state name of owner or co-owner, nature of respondent's title and percent ownership if jointly owned.

5. If any plant was not operated during the past year, give particulars in a footnote, and state whether the book cost of the plant or any portion thereof has been retired in the books of account, or what disposition of the plant and its book cost is contemplated.

Line No.	Location and year installed (a)	Type of manufacturing process (b)	Plant cost (c)	Expenses (except depreciation and taxes) (d)	Gas Produced		
					Mcf (14.73 psia at 60° F.) (e)	Btu content per Mcf (f)	Mcf mixed with natural gas (g)
1			$	$			
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
	TOTAL						

LIQUEFIED PETROLEUM GAS OPERATIONS

1. Report the information called for below concerning plants which produce gas from liquefied petroleum gas (LPG).

2. For location of plant, column (a), give city and State or such other designation necessary to locate plant on the respondent's system.

3. Plant cost, column (b), and operation and maintenance expenses, column (c), of any liquefied petroleum gas installation which is only an adjunct of a manufactured gas plant, may include or exclude the plant cost and expenses of any plant used jointly with the manufactured gas facilities on the basis of predominant use, as appropriate. Any liquefied petroleum gas plant for which the plant cost and expenses are so reported should be indicated.

4. The Mcf to be reported in column (g) is that which is mixed with natural gas or which is substituted for deliveries normally made from natural gas. Natural gas means either natural gas unmixed or any mixture of natural and manufactured gas or mixture of natural gas and gasified LPG.

5. Designate any plant held under a title other than full ownership and in a footnote state name of owner or co-owner, nature of respondent's title, and percent ownership if jointly owned.

6. If any plant was not operated during the past year, give particulars in a footnote, and state whether the book cost of such plant, or any portion thereof, has been retired in the books of account, or what disposition of the plant and its book cost is contemplated.

7. Pressure base of gas reported in this schedule is 14.73 psia at 60° F., and Btu content........................

Line No.	Location of plant and year installed	Cost of plant (land, struct. equip.)	Expenses		Gallons of LPG used	Gas Produced		LPG storage cap. gallons	Function of plant (base load, peaking, etc.)
			Oper. maintenance, rents, etc.	Cost of LPG used		Mcf (14.73 psia at 60° F.)	Mcf Mixed with natural gas		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1		$	$	$					
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23	TOTAL								

TRANSMISSION SYSTEM PEAK DELIVERIES

1. Report below the total transmission system deliveries of gas excluding deliveries to storage, for the periods of system peak deliveries indicated below, during the twelve months embracing the heating season overlapping the year's end for which this report is submitted, classified as to sales subject to F.P.C. rate schedules and other sales. The season's peak normally will be reached before the due date of this report, March 31, which permits inclusion of the information required by this schedule.

2. Mcf to be reported in columns (b) and (c) should be on a pressure base of 14.73 psia at 60° F.

Line No.	Item (a)	Mcf delivered (14.73 psia at 60° F.) (b)	Curtailments on day indicated (c)
	A. Three Highest Days System Peak Deliveries		
1	Date of *highest* day's deliveries		
2	Deliveries to customers subject to F P C rate schedules		
3	Deliveries to others		
4	Total		
5	Date of *second highest* day's deliveries		
6	Deliveries to customers subject to F P C rate schedules		
7	Deliveries to others		
8	Total		
9	Date of *third highest* day's deliveries		
10	Deliveries to customers subject to F P C rate schedules		
11	Deliveries to others		
12	Total		
	B. Highest Consecutive 3-Day System Peak Deliveries		
13	Dates of *three consecutive days* highest system peak deliveries		
14	Deliveries to customers subject to F. P. C. rate schedules		
15	Deliveries to others		
16	Total		
	(Show below for this peak period the Mcf of gas supplied from line pack, underground storage, and other peaking facilities, respectively.)		
	C. Highest Month's System Deliveries		
17	Month of *Highest Month's* System Deliveries		
18	Deliveries to customers subject to F. P. C. rate schedules		
19	Deliveries to others		
20	Total		

AUXILIARY PEAKING FACILITIES

1. Report below auxiliary facilities of the respondent for meeting seasonal peak demands on the respondent's system, such as underground storage projects. L P G installations, gas liquefaction plants, oil gas sets, etc.

2. The maximum daily delivery capacity of facility, column (c), to be reported for underground storage projects is the delivery capacity on February 1 of the heating season overlapping the year-end for which this report is submitted. For other facilities report the rated maximum daily delivery capacities.

3. Plant cost of facility, column (d), shall include or exclude the cost of any plant used jointly with another facility on the basis of predominant use, as appropriate, unless the auxiliary peaking facility is a separate plant as contemplated by general instruction 12 of the Uniform System of Accounts.

Line No.	Location (a)	Type of facility (b)	Maximum daily delivery capacity of facility, M. c. f. (14.73 psia at 60° F.) (c)	Plant cost of facility (d)	Indicate whether facility was operated on day of highest transmission peak delivery (yes or no) (e)
1				$	
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
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42					

GAS ACCOUNT—NATURAL GAS

1. The purpose of this schedule is to account for the quantity of natural gas received and delivered by the respondent taking into consideration differences in pressure bases used in measuring Mcf of natural gas received and delivered.

2. Natural gas means either natural gas unmixed or any mixture of natural and manufactured gas.

3. Enter in column (c) the Mcf as reported in the schedules indicated for the respective items of receipts and deliveries.

Line No.	Item (a)	Schedule Page No. (b)	Mcf (14.73 psia at 60° F.) (c)
1	GAS RECEIVED		
2	Natural gas produced	552	
3	LPG gas produced and mixed with natural gas	564	
4	Manufactured gas produced and mixed with natural gas	563	
5	Purchased gas:		
6	a. Wellhead	535	
7	b. Field lines	535	
8	c. Gasoline plants	535	
9	d. Transmission line	535	
10	e. City gate under FPC rate schedules	535	
11	f. Other	535	
12	Total, Gas purchased	535	
13	Gas of others received for transportation	524	
14	Receipts of respondents' gas transported or compressed by others	541	
15	Exchange gas received	537	
16	Gas withdrawn from underground storage	560	
17	Gas received from LNG storage		
18	Other receipts: (specify)		
19	Total receipts		

GAS ACCOUNT—NATURAL GAS (Continued)

5. In a footnote report the volumes of gas from respondent's own production delivered to respondent's transmission system and included in natural gas sale.

6. If the respondent operates two or more systems which are not interconnected, separate schedules should be submitted. Insert pages should be used for this purpose.

Line No.	Item (a)	Schedule Page No. (b)	Mcf (14.73 psia at 60° F.) (c)
21	GAS DELIVERED		
22	Natural gas sales:		
23	a. Field sales:		
24	(i) To interstate pipeline companies for resale pursuant to FPC		
25	rate schedules	521	
26	(ii) Retail industrial sales	519	
27	(iii) Other field sales	521	
28	Total, field sales		
29	b. Transmission systems sales:		
30	(i) To interstate pipeline co. for resale under FPC rate schedules	521	
31	(ii) To intrastate pipeline co. and gas utilities for resale under FPC		
32	rate schedules	521	
33	(iii) Mainline industrial sales under FPC certification	519	
34	(iv) Other mainline industrial sales	519	
35	(v) Other transmission system sales	521	
36	Total, transmission system sales		
37	c. Local distribution by respondent:		
38	(i) Retail industrial sales	517	
39	(ii) Other distribution system sales	517	
40	Total, distribution system sales		
41	d. Interdepartmental sales	523	
42	TOTAL SALES		
43			
44	Deliveries of gas transported or compressed for:		
45	a. Other interstate pipeline companies	524	
46	b. Others	524	
47	Total, Gas transported or compressed for others	524	
48	Deliveries of respondent's gas for transportation or compression by others	541	
49	Exchange gas delivered	537	
50	Natural gas used by respondent	539	
51	Natural gas delivered to underground storage	560	
52	Natural gas delivered to LNG storage		
53	Natural gas for franchise requirements	542	
54	Other deliveries: (specify)		
55	TOTAL SALES AND OTHER DELIVERIES		
56	UNACCOUNTED FOR		
57	Production system losses		
58	Storage losses		
59	Transmission system losses		
60	Distribution system losses		
61	Other losses (specify in so far as possible)		
62	Total unaccounted for		
63	TOTAL SALES, OTHER DELIVERIES AND UNACCOUNTED FOR		

PIPELINE SYSTEM ACCIDENTS AND FAILURES

For each pipeline facility accident or failure during the reporting year for which the Commission requires a report under § 260.9 of this part and for any unreported supplements to accident reports of preceding years, furnish the following information. This information correlates with items (1) through (6) of the detailed report required to be suomitted to the Commission on each such accident or failure.

Line No.	DATE OF		Location (city, county, State) (c)	NUMBER OF		Brief Description of Damage to Affected facility (f)	SERVICE INTERRUPTIONS	
	Accident or Failure (a)	Filing Report With Commission* (b)		Deaths (d)	Injuries (e)		Customers Affected** (g)	Duration of Interruption (h)
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
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27								
28								
29								
30								

*Date or dates on which accident reports were filed pursuant to § 260.9 of this part.

**Specify by customer class

SYSTEM MAP

1. Furnish 3 copies of a system map (one with each filed copy of this report) of the facilities operated by the respondent for the production, gathering, transportation, and sale of natural gas. New maps need not be furnished if no important change has occurred in the facilities operated by the respondent since date of the maps furnished with a previous year's annual report. If, however, maps are not furnished for this reason, reference should be made in the space below to the year's annual report with which the maps were furnished.

2. The following information should be indicated on the maps:
   - (a) Transmission lines—colored in red, if they are not otherwise clearly indicated.
   - (b) Principal pipeline arteries of gathering systems.
   - (c) Sizes of pipe in principal pipelines shown on map.
   - (d) Normal directions of gas flow—indicated by arrows.
   - (e) Location of natural gas fields or pools in which the respondent produces or purchases natural gas.
   - (f) Locations of compressor stations, products extraction plants, stabilization plants, important purification plants, underground storage areas, recycling areas, etc.
   - (g) Important main line interconnections with other natural gas companies, indicating in each case whether gas is received or delivered and name of connecting company.
   - (h) Principal communities in which respondent renders local distribution service.

3. In addition, each map should show: graphic scale to which map is drawn; date as of which the map represents the facts it purports to show; a legend giving all symbols and abbreviations used; designation of facilities leased to or from another company, giving name of such other company.

4. Maps not larger than 24 inches square are desired. Larger maps may be submitted, however, if necessary to show essential information. The maps should be folded to a size not larger than this report and bound in the report form.

RESEARCH AND DEVELOPMENT ACTIVITIES

1. Describe and show below costs incurred and accounts charged during the year for technological research and development projects initiated, continued or concluded during the year. Report also support to others during the year for jointly-sponsored projects. (Recipient must be identified if affiliated.) For any research and development work carried on by the respondent in which there is a sharing of costs with others, show separately the respondent's cost for the year and cost chargeable to others. (See definition of research and development in Uniform System of Accounts.)
2. Indicate in column (a) applicable classification, as shown below; list in column (b) projects costing $5,000 or more, briefly describing the specific area of research or development (such as for safety, corrosion control, automation, measurement, type of appliance, etc.). Items under $5,000 may be grouped by classifications.
   A. Gas R & D Performed Within Company:
      (1) Pipeline—
         a. Design
         b. Efficiency
      (2) Compressor Station—
         a. Design
         b. Efficiency
      (3) System Planning, Engineering and Operation
      (4) Transmission Control and Dispatching
      (5) Underground Storage
      (6) Other Storage
      (7) New Appliances and New Uses.
      (8) Other
      (9) Total Cost Incurred
   B. Gas R & D Performed Outside the Company:
      (1) Research Support to American Gas Association
      (2) Research Support to Others
      (3) Other
      (4) Total cost incurred
3. Show in column (c) all costs incurred during the current year. Show in column (d) the amounts actually capitalized and charged to plant accounts during the current year and in column (e) the actual amounts charged during the current year to the expense accounts [the costs of projects cleared on a completed basis will be shown in columns (d) and (c) when the projects are cleared and not when the costs are incurred].
4. If costs have not been segregated for research and development activities or projects, estimates may be submitted for columns (c), (d) and (e), with such amounts identified by "Est."
5. Report separately research and related testing facilities operated by the respondent.

Line No.	Classification (a)	Description (b)	Costs Incurred Current Year (c)	Amounts charged in current year to	
				Plant (d)	Expense (e)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					

ATTESTATION

The foregoing must be attested by an officer of the company.

.... certifies that
(Insert here the name of the attester)

he is ....
(Insert here the official title of the attester)

of ....
(Insert here the exact legal title or name of the respondent)

that he has examined the foregoing report; that to the best of his knowledge, information, and belief, all statements of fact contained in the said report are true and the said report is a correct statement of the business and affairs of the above-named respondent in respect to each and every matter set forth therein during the period from and including

..........................19......, to and including ....19......

....
(Signature of attester)

INDEX

Page No.

Abandoned leases........ 224
Accounts payable to associated companies........ 221
Receivable........ 204
Receivable from associated companies........ [illegible]
Accrued and prepaid taxes........ 222
Accum. prov. for—Abandonment of leases........ 312
Amort. & depl. of prod. nat. gas land & land rts........ 309
Amort. of gas plant acquisition adjustments........ 313
Amort. of other gas plant........ 311
Amort. of underground storage land and land rights........ 310
Depreciation and amort. of nonutility property........ 201
common utility plant........ 351
utility plant (summary)........ 112
Of gas plant........ [illegible]
Uncollectible accounts........ 204
Acquisition adjustments, gas plant........ 312
Acreage, natural gas land........ 547
Advances for construction, customer........ 224
From associated companies........ 219
To associated companies........ 202
Amortization—Miscellaneous........ 304
Of gas plant acquisition adjustment........ 313
Of nonutility property........ 201
Of other gas plant in service........ 345
Of underground storage land and land rights........ 310
And depletion—Of prod. nat. gas land and land rights........ 315
Associated companies—Advances from........ 219
Advances to........ 202
Control over respondent........ 102
Corporations controlled by respondent........ 103
Interest on debt to........ 219, 221
Investment in........ 202
Payables to........ 221
Receivables from........ 206
Service contract charges........ 354
Balance sheet, comparative........ 110
Bonds........ 219
Capital stock........ 215
Discount........ 210
Expense........ 210
Installments received........ 216
Liability for conversion........ 216
Premiums........ 216
Reacquired........ 215
Subscribed........ 216
Changes, important during year........ 108
In estimated natural gas reserves........ 549

Common utility plant (see also Plant)........ 351
Compressor stations........ 524
Construction overheads, gas........ 543
Work in progress—Common utility plant........ 351
Gas........ 207
Other utility departments........ 112
Contracted nat. gas supply (reserves avail. from purchase agreements)........ 550
Contracts—Service charges........ 354
Contributions in aid of construction........ [illegible]
Control—Corporations controlled by respondent........ 103
Over respondent........ 102
Security holders and voting powers........ 106
Current and accrued assets, miscellaneous........ 210
Liabilities, miscellaneous........ 224
Customer advances for construction........ 225
Deferred credits, other........ 226
Debits, miscellaneous........ 214
Income taxes, accumulated........ 227
Regulatory commission expenses........ 214
Depletion, amortization and depreciation of gas plant........ 345
And amortization of producing gas land and land rights........ 313
Depreciation—common utility plant........ 351
gas plant........ 345
gas plant in service........ [illegible]
Directors........ 105
Discount on capital stock........ [illegible]
Dividend appropriations........ [illegible]
Earned surplus, statement of........ 117
Exchange gas, transactions........ [illegible]
Expenses, gas operation and maintenance........ 327
Summary........ [illegible]
Exploration and development expenses........ [illegible]
Extraction operations, products, natural gas........ [illegible]
Extraordinary property losses........ [illegible]
Field lines........ [illegible]
Franchise requirements, gas........ [illegible]
Fuel and oil stocks........ [illegible]
Gas account, natural........ [illegible]
Exchanged, natural........ [illegible]
Manufactured, production statistics........ [illegible]
Natural Gas Reserves available from purchase agreements........ [illegible]
Produced, natural........ [illegible]
Purchases, natural and other........ [illegible]
Reserves, Land Acreage, natural gas........ 547-548
Stored underground........ 507A
Used in utility operations, credit........ [illegible]
Gas plant in service........ [illegible]
Gasoline sales, revenue........ [illegible]
General information........ 101
Important changes during year........ 108
Income deductions—Detail........ 211, 219, 304

From utility plant leased to others........ 201
Other—From nonutility operations........ 300
Interest and dividend........ 300
Miscellaneous nonoperating........ 302
Nonoperating rental........ 302
Statement of, for year (see also Revenues)........ 114
Installments received on capital stock........ 216
Interest charges, other........ 221
On debt to associated companies........ 221
On long-term debt, advances, etc........ 219
Received from investments, advances, etc........ 300
Interruptible, off-peak and firm sales, industrial........ [illegible]
Investment tax credits, accumulated deferred........ [illegible]
generated and utilized........ [illegible]
Investments in associated companies........ 202
Nonutility property........ 201
Other........ 202
Securities disposed of during year........ 202
Temporary, cash........ 202
Legal proceedings during year........ 108
Liquefied petroleum gas operations........ 504

Long-term debt........ 219
Assumed during year........ 220
Retired during year........ 220
Management and engineering contracts........ 354
Manufactured gas production statistics........ 545
Map, system........ 580
Materials and supplies........ 207
Miscellaneous general expenses........ 345
Nonutility operations—Income from........ 303
Property........ 201
Notes payable—Advances from associated companies........ 219
Current........ 221
To associated companies........ 221
Notes receivable........ [illegible]
From associated companies........ [illegible]
Officers and officers' salaries........ 104
Oil and gas wells, number........ 555
Incidental sales, revenue........ 536
Operating expenses, gas........ 537
Revenues, gas........ 514
Other paid-in capital........ 217
Donations received from stockholders........ 217
Gain on resale or cancellation of reacquired capital stock........ 217
Miscellaneous paid-in capital........ 217
Reduction in par or stated value of capital stock........ 217
Overheads, construction, gas........ 543
Payables to associated companies........ 221
Peak deliveries, transmission system, MCF........ 565
Peaking facilities, auxiliary........ 566
Pipeline system accidents and failures........ 570
Plant, gas—Accum. provision for depreciation........ [illegible]
Acquisition adjustments........ [illegible]
Common utility........ 351
Completed construction, not classified........ 207
Construction work in progress........ 207
Held for future use........ [illegible]
In service........ 201
Leased to others........ [illegible]
Plant, utility, and accum. provision (summary)........ 112
Leased to others, income from........ 201
Preliminary survey and investigation charges........ 218
Premiums on capital stock........ 216
Prepaid gas purchases under purchase agreements........ 210A
Prepaid taxes........ 222
Prepayments........ 210
Production and gathering system expenses, plant and expenses........ [illegible]
Production statistics, gas, manufactured........ 545
Natural........ [illegible]
Products extraction operations, natural gas........ 554
Professional services—Charges for........ [illegible]
Property losses, extraordinary........ 210
Purchased gas........ [illegible]
Reacquired capital stock........ 215
Long-term debt........ 219
Receivables from associated companies........ 206
Receivers' certificates........ 219
Regulatory commission expenses........ [illegible]
Deferred........ 214
Rent—Charged
.... [illegible]
For lease of utility plant........ 201
From gas property........ [illegible]
Interdepartmental........ [illegible]
Research and development activities........ [illegible]
Reserves—Changes in estimated, natural gas........ 549
Natural gas—MCF........ 548
Operating—Injuries and damages........ [illegible]
Miscellaneous........ [illegible]
Pensions and benefits........ [illegible]
Property insurance........ [illegible]
Revenues—(See also Sales)
Deductions, nonoperating........ [illegible]
From lease of nonutility property........ [illegible]
From natural gas processed by others........ [illegible]
From sinking and other funds........ [illegible]
From transportation of gas of others........ [illegible]
Gas operating........ 314
Interdepartmental rents........ [illegible]
Miscellaneous nonoperating........ [illegible]
Other gas........ [illegible]
Rent from gas property........ [illegible]
Salaries and wages, distribution of........ [illegible]
Sales—Gasoline and oil, incidental........ [illegible]
Extracted from natural gas........ [illegible]
Natural gas—By communities........ [illegible]
For resale........ [illegible]
Industrial, main line........ [illegible]
Interdepartmental........ [illegible]
Interruptible, off-peak and firm........ [illegible]
Space heating, residential and commercial........ [illegible]
Oil, incidental........ [illegible]
Products extracted from natural gas........ [illegible]
Securities—Disposed of during year........ [illegible]
Holders and voting powers........ 106
Investments, in associated companies........ [illegible]
Other........ [illegible]
Temporary cash........ [illegible]
Issued or assumed during year........ [illegible]
Refunded or retired during year........ [illegible]
Registered on a national exchange........ 101
Service contract charges........ 354
Space heating customers, residential and commercial........ [illegible]
Stock liability for conversion........ 216
Storage lines, natural gas........ [illegible]
Storage of natural gas, underground........ [illegible]
Surplus earned—Appropriated........ 117
Unappropriated........ 117
System map........ [illegible]
Taxes, accrued and prepaid........ [illegible]
Charged during the year........ [illegible]
On income, deferred—Accumulated........ [illegible]
Reconciliation of net income for........ [illegible]
Temporary cash investments........ [illegible]
Transmission and compression of gas by others........ [illegible]
Lines (by states)........ [illegible]
System peak deliveries........ [illegible]
Transportation of gas of others—Revenues........ [illegible]
Unamortized debt discount and expense........ 211
Premium on debt........ 211
Unauthorized overrun penalties and waivers of penalties........ [illegible]
Undelivered gas obligations under sales agreements........ 210A
Underground storage of natural gas—Expenses, operations data, plant........ [illegible]
Gas stored........ 507A
Wells, gas and oil, number of........ [illegible]

F. P. C. Form No. 2-A
Natural Gas Companies, Classes C and D

ANNUAL REPORT
TO THE
FEDERAL POWER COMMISSION
For the Year Ended December 31, 19__
OF

____
(Exact legal name of respondent)
If name was changed during year, show also the previous name and date of change

____
(Address of principal business office at end of year)

An original and two conformed copies of this report form, properly filled out and verified, shall be filed with the Federal Power Commission, Washington D.C., 20426 on or before March 31st following the year covered by the report by each Class C and Class D Natural Gas Company as classified in the Commission's Uniform System of Accounts effective January 1, 1961, prescribed for Natural Gas Companies subject to the provisions of the Natural Gas Act. This report is required to be filed under authority of the Natural Gas Act, particularly Sections 10(a) and 16 thereof.

All gas volumes reported herein are to be stated on a pressure base of 14.73 psia and a temperature base of 60° F, pursuant to Exhibit H of Circular No. A-46 of the Bureau of the Budget issued February 15, 1966.

GENERAL INFORMATION

Name, title and address of officer or other person to whom should be addressed any communication concerning this report.____

Name and title of officer having custody of the books of account and address of office where the books of account are kept.____

Name of State under the laws of which respondent is incorporated and date of incorporation. If incorporated under a special law, give reference to such law.____

If the respondent controls or is controlled by any other corporation, business trust, or similar organization, give a concise explanation of the manner and extent of control.

Rev (12-67)

SECURITY HOLDERS AND VOTING POWERS

Report below the names and addresses of the ten stockholders of the respondent, who, at the end of the year, had the greatest voting powers in the respondent, and state the number of votes each would have had a right to cast on that date, if a meeting were then in order. If any such holder held in trust, give the nature of the trust and the beneficial owner. If other securities have voting rights, give similar information for such securities which may have had voting rights at end of year. Show also total votes of all securities with voting powers.

Line No.	
1	
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19	

OFFICERS AND DIRECTORS

Report below the names and addresses of officers and directors of respondent at end of year. If there were any changes during the year, show title, name, and address of previous officer or director and date of change. Designate by asterisk officers who are directors, and list other directors who are not officers. Report salary for the year of each officer and directors' fees for each director.

Line No.	Title (a)	Name of Officer or Director (b)	Principal Business Address (City and State) (c)	Salary and/or Fee (d)
				$
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
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35				
36				
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41				
42				

COMPARATIVE BALANCE SHEET

Line No.	Assets and Other Debits (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (Decrease) (d)	Liabilities and Other Credits (e)	Balance Beginning of Year (f)	Balance End of Year (g)	Increase or (Decrease) (h)
1	Utility plant	$	$	$	Common capital stock	$	$	$
2	Accumulated provision for depreciation,				Preferred capital stock			
3	depletion and amortization				Other paid-in capital			
4	Net utility plant				Installments received on capital stock			
5	Gas stored underground non-current				Discount on capital stock	( )	( )	
6	Utility plant and adjustments				Capital stock expense	( )	( )	
7	Nonutility prop. (less accumulated				Earned surplus			
8	provision for deprec. & Amort. $______)				Reacquired capital stock	( )	( )	
9	Other investments & special funds				Non-corporate proprietorship***			
10	Current and accrued assets:				Total proprietary capital			
11	Cash and working funds				Bonds			
12	Temporary cash investments				Advances from associated companies			
13	Notes and accounts receivable (less				Other long-term debt (specify in			
14	accumulated provision for uncollectible				footnote)			
15	accounts** $__________)				Current and accrued liabilities:			
16	Materials and supplies				Notes and accounts payable**			
17	Gas stored underground-current*				Customer deposits			
18	Prepayments				Taxes accrued			
19	Other current & accrued assets				Interest accrued			
20	Total current & accrued assets				Other current & accrued liabilities			
21	Unamortized debt discount & expense				Total current & accrued liabilities			
22	Extraordinary property losses				Unamortized premium on debt			
23	Other deferred debits				Customer advances for construction			
24					Accumulated deferred investment tax			
25					credits			
26					Other deferred credits			
27					Operating reserves			
28					Contributions in aid of construction			
29					Accumulated deferred income taxes			
30								
31	Total assets and other debits				Total liabilities & other credits			

---

* Class D utilities should use these accounts, if applicable. See General Instruction 6-B of the Uniform System of Accounts.

** Report amounts applicable to associated companies in a footnote.

*** Class D account.

ACCUMULATED PROVISION FOR DEPRECIATION, DEPLETION AND AMORTIZATION OF UTILITY PLANT

Line No.	Name of Utility Department (a)	Balance Beginning of Year (b)	Deprec., Depl., & Amort. Accruals for Year (c)	Net Charges for Plant Retired During Year (d)	Other Items Debit or Credit (Explain) (e)	Balance End of Year (f)
		$	$	$	$	$
1	Gas					
2	Other utility department					
3	(specify)					
4	....					
5	....					
6	....					
7	....					
8	....					
9	....					
10	....					
11	....					
12	....					
13	....					

CAPITAL STOCK

Line No.	Class and Series of Stock	Number of Shares Authorized	Par Value Per Share of Par Value Stock	Stated Value Per Share of Nonpar Stock	Outstanding Per Balance Sheet	
					Shares	Amounts* (Omit Cents)
	(a)	(b)	$ (c)	$ (d)	(e)	$ (f)
21	....					
22	....					
23	....					
24	....					
25	....					
26	....					
27	....					
28	....					
29	....					
30	....					
31	....					
32	....					
33	....					

* Total amount outstanding without reduction for amounts held by respondent.

LONG-TERM DEBT

Line No.	Class and Series of Obligation	Nominal Date of Issue	Date of Maturity	Outstanding Per Balance Sheet	Interest for Year	
					Rate	Amount
	(a)	(b)	(c)	$ (d)	(e)	$ (f)
41	....					
42	....					
43	....					
44	....					
45	....					
46	....					
47	....					
48	....					
49	....					
50	....					
51	....					
52	....					
53.	....Total					

CONDENSED INCOME STATEMENT
For the Year

Line No.	Item (a)	Current Year (b)	Preceding Year (c)	Increase or (Decrease) (d)
		$	$	$
1	Gas operating revenues			
2	Gas operating expenses:			
3	Operation expense (Class C)			
4	Maintenance expense (Class C)..			
5	Operation and maintenance expense (Class D)			
6	Depreciation and depletion expense			
7	Amortization expense (Class C companies shall specify by prescribed			
8	accounts)..			
9	....			
10	....			
11	Taxes other than income taxes			
12	Income taxes			
13	Provision for deferred income taxes			
14	Income taxes deferred in prior years - Credit	( )	( )	
15	Investment tax credit adjustments (net)			
16	Total gas operating expenses			
17	Net gas operating revenues			
18	Income from gas plant leased to others			
19	Gas utility operating income..			
20	Other utility operating income (utility departments other than gas -			
21	specify)			
22	....			
23	Total utility operating income			
34	Investment tax credits..			
25	Other income (specify by prescribed accounts)			
26	....			
27	....			
28	Total income..			
29	Miscellaneous amortization..			
30	Other income deductions (Subaccount 426.4 of $__________ included, see page 15			
31	Total miscellaneous income deductions			
32	Income before interest charges..			
33	Interest charges (specify by prescribed accounts)			
34	....			
35	....			
36	Total interest charges			
37	Net income			

EARNED SURPLUS

Line No.	Item (a)	Amount (b)
		$
51	Unappropriated earned surplus (beginning of period)..	
52	Balance transferred from income	
53	Miscellaneous credits (specify according to nature of credit)	
54	....	
55	Miscellaneous debits (specify according to nature of debit)	
56	....	
57	Appropriations of surplus	
58	Dividends declared - preferred stock	
59	Dividends declared - common stock	
60	Unappropriated earned surplus (end of period)	
61	....	
62	Appropriated earned surplus (specify purpose)	
63	....	

GAS SALES DATA FOR THE YEAR

Line No.	Class of Service (a)	Revenues (b)	Mcf of Gas (14.73 psia at 60°F) (c)	Average Number of Customers* (d)
1	Residential sales	$		
2	Commercial and industrial sales			
3	Interdepartmental sales			
4	Total sales to ultimate consumers			
5	Sales for resale			
6	Total sales of gas			
7	Other operating revenues (specify):			
8				
9				
10	Total gas operating revenues			

* Average number of customers means the average of the 12 monthly numbers of customers.

GAS OPERATION AND MAINTENANCE EXPENSES (CLASS C)

Line No.	Item (a)	Operation (b)	Maintenance (c)	Total (d)
11	Production expenses:	$	$	$
12	Manufactured gas production (submit schedule)			
13	Natural gas production and gathering			
14	Products extraction			
15	Exploration and development			
16	Other gas supply expenses:			
17	Natural gas purchases			
18	Other gas purchases			
19	Purchased gas expenses			
20	Gas withdrawn from underground storage - Dr.			
21	Gas delivered to underground storage - Cr.			
22	Gas used in utility operations - Cr.			
23	Other gas supply expenses			
24	Total other gas supply expenses			
25	Total production expenses			
26	Storage expenses (submit schedule by accounts)			
27	Transmission expenses			
28	Distribution expenses			
29	Customer accounts expenses			
30	Sales expenses			
31	Administrative and general expenses			
32	Total gas operation and maintenance expenses			

GAS OPERATION AND MAINTENANCE EXPENSES (CLASS D)

Line No.	Item (a)	Operation & Maintenance Expenses (b)
41	Manufactured gas production expenses	$
42	Natural gas production and gathering expenses	
43	Purchased gas	
44	Transmission and distribution expenses	
45	General expenses	
46	Total gas operation and maintenance expenses	
47		
48		
49		
50		

SALES FOR RESALE - NATURAL GAS (Account 483)

1. Report particulars concerning sales of natural gas during the year to other gas utilities for resale. Sales to each customer should be identified in column (c) where applicable, by rate schedule designation contained in the company's tariff.
2. Natural gas for the purpose of this schedule means either natural gas unmixed, or any mixture of natural and manufactured gas.
3. Point of delivery, column (b), should show name of city or town and State, and such other designation necessary to enable identification on maps of respondent's pipe line system.
4. Designate any sales which are other than firm sales, i.e., sales for storage, etc.
5. Where consolidated bills for more than one point of delivery are rendered under an FPC rate schedule, the several points of delivery shall be indicated in column (b) and the remainder of the information reported on a consolidated basis corresponding to the billing. Where, however, consolidated bills for more than one point of delivery are not rendered under an FPC rate schedule, the required information shall be furnished for each point of delivery.
6. Designate if Btu per cubic foot of gas is different for any delivery point from that shown in the heading of column (d).

Line No.	Name of Other Gas Utility (Designate associated companies) (a)	Point of Delivery (b)	F. P. C. Tariff Rate Schedule Designation (c)	M.c.f. of Gas Sold (14.73 psia 60°F) Approx. B.t.u. Per cu. ft. (d)	Revenue for Year (See Inst. 5) (e)	Average Revenue Per M. c. f. (f)
1					$ ¢	(cents)
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
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19						
20						
21						
22						
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24						

GAS PURCHASES (Accounts 730, 731 - Class C) (Account 730 - Class B)

1. Report particulars of gas purchases during year.
2. Natural gas for the purpose of classifications herein is either natural gas unmixed, or any mixture of natural and manufactured gas.
3. Class C natural gas companies shall provide subheadings and totals for prescribed accounts 730, Natural Gas Purchases, and 731, Other Gas Purchases.
4. Where purchases are from unitized fields, or vendor is a partnership or joint interest arrangement, specify such fact in column (a) and give name of unit operator, principal partner, or largest owner of joint interest, as appropriate.
5. For well head and field line purchases indicate the gas field or production area, county and state.
6. Field purchases of less than $25,000 per year from individual nonassociated vendors may be grouped by fields or production areas. Show number of purchases so grouped.
7. Show in column (c) the Seller's FPC rate schedule designation and date of contract, including such designations for purchases from independent producers. Intrastate purchases for which there is no required filing of an FPC rate schedule shall be specified as "intrastate," and dates of contracts shown. If for any purchase more than one rate schedule was in effect during the year, show the most recent rate schedule designation and in a footnote give superseded rate schedules and date of supersession, or a succinct explanation. The Operator's rate schedule designation is sufficient in cases where there are co-owners under the same purchase contract, but the entire volume of gas and amount, columns (h) and (i), must be shown for the purchase under the particular contract. Rate schedule designations are not required with respect to small purchases grouped as permitted by Instruction 6.

Line No.	Name of Vendor (Designate associated companies) (a)	Point of Receipt (b)	Seller's FPC Rate Schedule Designation and Date of Contract (c)	Check Appropriate Classification				M. c. f. of Gas (14.73 psia 60°F) Approx. B. t. u. Per Cu. Ft. (h)	Amount (i)	Average Amount Per M. c. f. (j)
				Well Mouth (d)	Field Line (e)	Gasoline Plant Outlet (f)	Other (g)			
									$ ¢	(cents)
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
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27										

UTILITY PLANT (CLASS C) NATURAL GAS COMPANIES

Line No.	Item (a)	Balance Beginning of Year (b)	Additions During Year (c)	Retirements During Year (d)	Transfers and Adjustments (e)	Balance End of Year (f)
		$	$	$	$	$
1	Gas utility plant:					
2	Gas plant in service:					
3	Intangible plant					
4	Production plant:					
5	Manufactured gas production plant					
6	Natural gas production plant:					
7	Nat. gas produc. & gathering plant					
8	Products extraction plant					
9	Total production plant					
10	Storage plant:					
11	Underground storage plant					
12	Local storage plant					
13	Transmission plant					
14	Distribution plant					
15	General plant					
16	Total gas plant in service					
17	Gas plant purchased					
18	Gas plant sold					
19	Gas plant in process of reclassification					
20	Gas plant leased to others					
21	Gas plant held for future use (includes					
22	undeveloped lands and leaseholds)					
23	Construction work in progress-gas					
24	Gas plant acquisition adjustments					
25	Other gas plant adjustments (explain)					
26	....					
27	Total gas plant					
28	Plant of other utility departments (specify)					
29	....					
30	Total utility plant					
31						

UTILITY PLANT (CLASS D) NATURAL GAS COMPANIES

33	Gas utility plant:	$	$	$	$	$
34	Intangible plant					
35	Production plant:					
36	Manufactured gas production plant					
37	Nat. gas produc. & gathering plant					
38	Products extraction plant					
39	*Underground storage plant					
40	Transmission and distribution plant					
41	General plant					
42	Other gas plant:					
43	Other tangible property					
44	Gas plant purchased					
45	Gas plant sold					
46	Gas plant in process of reclassification					
47	Gas plant leased to others					
48	Gas plant held for future use (includes					
49	undeveloped lands and leaseholds)					
50	Construction work in progress-gas					
51	Gas plant acquisition adjustments					
52	Other gas plant adjustments (explain)					
53	....					
54	Plant of other utility departments (specify)					
55	....					
56	Total utility plant					

* See General Instruction 6-B of Uniform System of Accounts.

GAS ACCOUNT - NATURAL GAS

1. The purpose of this schedule is to account for the quantity of natural gas received and delivered by the respondent. Natural gas means either natural gas unmixed or any mixture of natural and manufactured gas.
2. Enter in column (b) the Mcf as reported in the schedules indicated for the respective items of receipts and deliveries.
3. If the respondent operates two or more systems which are not interconnected, separate schedules should be submitted. Insert pages should be used for this purpose.

Line No.	Item (a)	Mcf (14.73 psia at 60°F) (b)
	GAS RECEIVED	
1	Natural gas produced	
2	Purchased gas	
3	Other receipts: (specify)	
4	....	
5	....	
6	....	
7	Total receipts	
8	**GAS DELIVERED**	
9	Natural gas sales	
10	Other deliveries: (specify)	
11	....	
12	....	
13	....	
14	Total deliveries	
15	Unaccounted for	
16	Total deliveries and unaccounted for	

GENERAL INFORMATION CONCERNING PLANT AND OPERATIONS

1. In the space below give a brief description of the plant and operations of the respondent.
2. State the name and location of the fields in which the respondent operates, number of acres of operated gas lands, number of gas wells, miles of gathering lines, miles of transmission lines, number and capacity of compressor stations, and other information which will give a general idea of the size and nature of the facilities operated by the respondent in the production, gathering, and transmission of natural gas. In stating miles of pipe lines indicate the predominant sizes of pipe.
3. Give particulars concerning any important portions of the respondent's natural gas plant, other than natural gas leaseholds, which are held under any title other than full ownership.
4. If the respondent engages in the local distribution of natural or mixed gas at retail, state names of the communities in which such service is rendered and the number of residential, commercial, and industrial customers at the end of the year in each community.
5. Give particulars concerning any important changes in the scope of respondent's operations during year.

INVESTMENT TAX CREDITS GENERATED AND UTILIZED

1. This schedule shall be prepared by the reporting company regardless of the method of accounting adopted for the investment tax credits. By footnote state the method of accounting adopted, and whether the company has consented, or is required by another Commission, to pass the tax credits on to customers.

2. As indicated in Column (a), the schedule shall show each year's activities from 1962 through the year covered by this report, and shall separately identify the data for 3 percent (3%) and 7 percent (7%) credits.

3. Report in Column (b) the amount of investment tax credits generated from properties acquired for use in gas utility operations and report in Column (c) the amount of such generated credits utilized in computing the annual income taxes. If there are other utility or nonutility operations, show any applicable generated and utilized investment tax credits in a footnote. Also explain by footnote any adjustment to Columns (b), (c) and (d) such as for corrections, etc., or carryback of unused credits.

4. Report in Column (d) the weighted-average useful life of all properties used in computing the investment tax credits in Column (b).

5. Show by footnote any unused credits available at end of each year for carry forward as a reduction of taxes in subsequent years.

Line No.	Year (a)	Credit Generated for Year (b)	Credit Utilized for Year (c)	Weighted-Average Useful Life of Property (d)
1	1962			
2	3%			
3	7%			
4	1963			
5	3%			
6	7%			
7	1964			
8	3%			
9	7%			
10	1965			
11	3%			
12	7%			
13	1966			
14	3%			
15	7%			
16	1967			
17	3%			
18	7%			
19	1968			
20	3%			
21	7%			
22	1969			
23	3%			
24	7%			
25	1970			
26	3%			
27	7%			
28	1971			
29	3%			
30	7%			
31	1972			
32	3%			
33	7%			
34	1973			
35	3%			
36	7%			
37	1974			
38	3%			
39	7%			
40	1975			
41	3%			
42	7%			
43	1976			
44	3%			
45	7%			

ACCUMULATED DEFERRED INVESTMENT TAX CREDITS (ACCOUNT 255)

Report as specified below information applicable to the balance in Account 255, and the transactions therein. Where appropriate, segregate the balances and transactions by utility and nonutility operations. Explain by footnote any correcting adjustments to the account balance during the year. Include in column (h) the weighted-average period over which the tax credits are amortized.

Line No.	Account Subdivisions (a)	Balance Beginning of Year (b)	Deferred for Year		Allocations to Current Year's Income		Balance End of Year (g)	Average Period of Allocation to Income (h)
			Account No. (c)	Amount (d)	Account No. (e)	Amount (f)		
	Gas Utility:							
1	3%	$	$	$	$	$	$	$
2	7%							
3	Total							
4	Other (List separately and show							
5	3%, 7% and Total)							
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								

EXPENDITURES FOR CERTAIN CIVIC, POLITICAL AND RELATED ACTIVITIES
(SUBACCOUNT 426.4)

1. Report below all expenditures incurred by the respondent during the year for the purpose of influencing public opinion with respect to the election or appointment of public officials, referenda, legislation or ordinances (either with respect to the possible adoption of new referenda, legislation or ordinances or repeal or modification of existing referenda, legislation or ordinances); approval, modification, or revocation of franchises; or for the purpose of influencing the decisions of public officials which are accounted for as Other Income Deductions, Expenditures for Certain Civic, Political and Related Activities; Subaccount 426.4.
2. Advertising expenditures in this Subaccount shall be classified according to subheadings, as follows: (a) radio, television, and motion picture advertising; (b) newspaper, magazine, and pamphlet advertising; (c) letters or inserts in customers' bills; (d) inserts in reports to stockholders; (e) newspaper and magazine editorial services; and (f) other advertising.
3. Expenditures within the definition of paragraph (1), other than advertising, shall be reported according to captions or descriptions clearly indicating the nature and purpose of the activity.
4. If respondent has not incurred any expenditures contemplated by the instructions of Subaccount 426.4, so state.
5. For reporting years which begin during the calendar year 1964 only, minor amounts may be grouped by classes if the number of items so grouped is shown.

NOTE: The classification of expenses as nonoperating and their inclusion in this account is for accounting purposes. It does not preclude Commission consideration of proof to the contrary for ratemaking or other purposes.

Line No.	Item (a)	Amount (Omit Cents) (b)
1		$
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		

PIPELINE SYSTEM ACCIDENTS AND FAILURES

For each pipeline facility accident or failure during the reporting year for which the Commission requires a report under § 260.9 of this part and for any unreported supplements to accident reports of preceding years, furnish the following information. This information correlates with items (1) through (6) of the detailed report required to be submitted to the Commission on each such accident or failure.

	Date of			Number of			Service Interruptions	
Line No.	Accident or Failure (a)	Filing Report with Commission (b) *	Location (city, county, state) (c)	Deaths (d)	Injuries (e)	Brief Description of Damage to Affected Facility (f)	Customers Affected (g) **	Duration of Interruption (h)
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

* Date or dates on which accident reports were filed pursuant to § 260.9 of this part.
** Specify by customer class.

ATTESTATION

The foregoing report must be attested by an officer of the company.

.... certifies that
(Insert here the name of the attester)

he is ....
(Insert here the official title of the attester)

of ....
(Insert here the exact legal title or name of the respondent)

that he has examined the foregoing report; that to the best of his knowledge, information, and belief, all statements of fact contained in the said report are true and the said report is a correct statement of the business and affairs of the above-named respondent in respect to each and every matter set forth therein during the period from and including-

............................, 19......, to and including ....,19.....

....
(Signature of attester)

FEDERAL POWER COMMISSION
FPC FORM 11

NATURAL GAS INTERSTATE PIPELINE COMPANY MONTHLY STATEMENT

REFERENCE DATA	
COMPANY CODE NO.	Budget Bureau No. 54R056.16 Approval Expires: 12-31-69
FOR MONTH OF 19___	Page 1 of 5

INSTRUCTIONS - Complete and return two copies to the Federal Power Commission within 10 days after the end of the reported month. Retain one copy for your files. Include brief description of any adjustments significantly affecting the monthly statement. Estimates subject to later revision are permissible. Year ago estimates now revised should be identified by a double asterisk (**).

RETURN TO

FEDERAL POWER COMMISSION
WASHINGTON, D. C. 20426

ATTN: OFFICE OF ACCOUNTING AND FINANCE

FROM *(Name of Company)*

ADDRESS *(Number, Street, City, State and Zip Code)*

SIGNATURE *(Chief Accounting Officer)*

DATE PREPARED *(Enter numerically, month, day and year)* / /

TABLE 1 — CONDENSED STATEMENT OF INCOME

ITEM (a) *(Indicate contra items by a minus sign preceding the amount.)*	CURRENT YEAR *(Omit cents)* 24 (b) 33	PREVIOUS YEAR *(Omit cents)* 34 (c) 43
1. Gas Operating Revenues *(400)*	$	$
Gas Operating Expenses:		
2. Operation and maintenance *(401, 402)*		
3. Depreciation, depletion and amortization *(403-407)*		
4. Taxes other than income taxes *(408)*		
5. Income taxes - Federal *(409)*		
6. Income taxes - Other *(409)*		
7. Provision for deferred income taxes *(410)*		
8. Income taxes deferred in prior years - Credit *(411)*		
9. Investment tax credit adjustments *(411.1)*		
10. Total Taxes		
11. Total Operating Expenses		
12. Net Gas Operating Revenues		
13. Income from gas plant leased to others *(412, 413)*		
14. Gas utility operating income		
15. Other utility operating income *(414)*		
16. Total Utility Operating Income		
17. Other income *(415-421)*		
18. Total Income		
19. Miscellaneous income deductions *(425, 426)*		
20. Income before interest charges		
Interest Charges:		
21. Interest on long-term debt *(427)*		
22. Amort. of debt discount, premium & expense *(428, 429)*		
23. Other interest charges *(430, 431)*		
24. Interest charged to construction - Credit *(432)*		
25. Total Interest Charges		
26. Net Income	24 33	34 43

3022-53-10

FPC Form 11
Rev (12-66)

COMPANY CODE NO.	FOR MONTH OF 19____	DATE PREPARED *(Enter numerically, month, day and year)* / /	Page 2 of 5

TABLE 2 — DETAIL OF REVENUES

ITEM (a) *(Indicate contra items by a minus sign preceding the amount.)*	REVENUES *(Omit cents)*		SALES *(Millions of cubic feet at 14.73 psia 60°F.)*	
	Current year	*Previous year*	*Current year*	*Previous year*
	24 (b) 33	34 (c) 43	44 (d) 53	54 (e) 63
	$	$		
Sales of Natural Gas:				
1. Firm industrial (1)				
2. Off-peak industrial (1)				
3. Interruptible industrial (1)				
4. Total industrial				
5. Other ultimate consumers				
6. Total Sales to Ultimate Consumers				
Sales for Resale				
To Gas Utilities Listed in Table 5:				
7. Gas pipelines identified by asterisk in Table 5				
8. All other pipelines listed in Table 5				
To Gas Utilities not listed in Table 5				
9. Under FPC rate schedule				
10. Not under FPC rate schedule				
11. Total Sales for Resale				
12. Total Sales of Natural Gas				
Other Natural Gas Revenues:				
13. From transportation of gas of others (2)				
14. Sales of products extracted from natural gas (3)				
15. Other				
16. Total Natural Gas Operating Revenues				
17. Manufactured gas operating revenues (4)				
18. Total Gas Operating Revenues				
	24 33	34 43	44 53	54 63

CUSTOMERS AS OF END OF MONTH - Industrial customers receiving more than one class of service should be counted for each class, but in the totals on lines 22 and 24 counted but once. CLASS OF SERVICE (a)	CUSTOMERS	
	Current year (b)	*Previous year* (c)
19. Firm industrial (1)		
20. Off-peak industrial (1)		
21. Interruptible industrial (1)		
22. Total Industrial		
23. Other ultimate consumers		
24. Total Ultimate Consumers		
25. Gas pipelines identified by asterisk in Table 5		
26. All other pipelines listed in Table 5		
27. Gas Utilities not listed in Table 5		
28. Total Resale Customers		
	44 53	54 63

(1) See reverse side for definitions.

(2) In columns (d) and (e), item 13, enter volume of gas transported.

(3) In columns (d) and (e), item 14, enter thousands of gallons sold.

(4) State manufactured gas at 1035 Btu per cubic foot or at utility natural gas average of ________ Btu.

COMPANY CODE NO	FOR MONTH OF 19___	DATE PREPARED *(Enter numerically, month, day and year)* / /	Page 3 of 5

TABLE 3 — DETAIL OF OPERATION AND MAINTENANCE EXPENSES

ITEM (a) *(Indicate contra items by a minus sign preceding the amount.)*	AMOUNT *(Omit cents)*		GAS VOLUME *(Millions of cubic feet at 14.73 psia 60°F.)*	
	Current year 24 (b) 33	*Previous year* 34 (c) 43	*Current year* 44 (d) 53	*Previous year* 54 (e) 63
Manufactured Gas Production: (1)	$	$		
1. Liquefied petroleum gas				
2. Other manufactured gas				
3. Total Manufactured Gas Production				
Natural Gas Production:			▨	▨
4. Production and gathering			▨	▨
5. Products extraction (2)				
6. Exploration and development			▨	▨
Other Gas Supply Expenses				
Purchased Gas:				
7. From producers				
8. Imports (Defined on reverse of pg 2)				
From Companies listed in Table 5				
9. Monthly reporters (3)				
10. Other pipelines (4)				
11. Other gas purchases				
12. Total Purchased Gas				
13. Natural gas produced	▨	▨		
14. Exchange gas - IN				
15. Exchange gas - OUT				
16. Purchased gas expenses			▨	▨
17. Gas withdrawn from underground storage - Debit				
18. Gas delivered to underground storage - Credit				
19. Gas used for compressor station fuel - Credit				
20. Gas used for products extraction - Credit				
21. Gas used for other utility operations - Credit				
22. Other gas supply expenses			▨	▨
23. Total Natural Gas Production			▨	▨
24. Storage expenses			▨	▨
Transmission Expenses:				
25. Transmission and compression of gas by others				
26. Other transmission expenses			▨	▨
27. Total Transmission Expenses			▨	▨
28. Distribution expenses			▨	▨
29. Customer accounts expenses			▨	▨
30. Sales expenses			▨	▨
31. Administrative and general expenses			▨	▨
32. Total Operation & Maintenance Expenses			▨	▨
	24 33	34 43	44 53	54 63

(1) State manufactured gas at 1035 Btu per cubic foot or at utility natural gas average of ________ Btu.
(2) In columns (d) and (e) item 5, enter thousands of gallons.
(3) Gas pipelines identified by asterisk in Table 5.
(4) All other pipelines listed in Table 5.

FPC Form 1.
Rev (12-66)

COMPANY CODE NO.	FOR MONTH OF	DATE PREPARED *(Enter numerically, month, day and year)*	
	19____	/ /	Page 4 of 5

TABLE 4 SELECTED DATA

ITEM (a) *(Indicate contra items by a minus sign preceding the amount.)*	CURRENT YEAR *(Omit cents)* 24 (b) 33	PREVIOUS YEAR *(Omit cents)* 34 (c) 43
	$	$
1. Gas utility plant in service		
2. Accumulated provision for depreciation, depletion and amortization of gas plant		
3. Gas plant construction work in progress		
4. Gas materials and supplies		
5. Salaries and wages charged to gas operations		
6. Preferred stock dividends declared		
7. Common stock dividends declared		
8. Gas stored underground (1)		
9. Gas stored underground (1) (Millions of cubic ft.)		
10. New system record peak day deliveries(Date / /)(Millions of cu.ft.)(2)		▨
	24 33	34 43

TABLE 5 NATURAL GAS INTERSTATE PIPELINE COMPANIES

(As of 12-66)

FPC CODE	CLASS		COMPANY	FPC CODE	CLASS		COMPANY	FPC CODE	CLASS		COMPANY
0040	A		Alabama-Tennessee Natural Gas Co.	2440	A		Iowa-Illinois Gas and Electric Co.	5180	A		South Georgia Natural Gas Co.
0050	A	*	Algonquin Gas Transmission Co.	2450	A		Iowa Public Service Co.	5260	A	*	South Texas Natural Gas Gathering Co
0330	A		Arkansas Louisiana Gas Co.	2460	A		Iroquois Gas Corp.	5340	A	*	Southern Natural Gas Co.
0340	A		Arkansas-Missouri Power Co.	2520	A		Kansas-Nebraska Natural Gas Co., Inc.	5450	A		Southwest Gas Corp.
0420	A	*	Atlantic Seaboard Corp.	2557	A	*	Kentucky Gas Transmission Corp.	5590	C		Standard Pacific Gas Line, Inc.
0415	C		Bace Gas Gathering Systems Inc.	2570	A		Kentucky-West Virginia Gas Co.	5880	C		Sylvania Corporation
0492	B		Blue Dolphin Pipe Line Co.	2730	A		Lake Shore Pipe Line Co.	5900	C		Tennessee Gas Pipe Line Co.
0495	C		Bluebonnet Gas Corp.	2735	D		Lateral Gas Pipeline Co.	5902	A	*	Tenneco Inc.
0500	C		Bluefield Gas Co.	2737	B		Laurenceburg Gas Transmission Corp.	5930	A		Tennessee Natural Gas Lines, Inc.
0555	B		Brooks Pipeline Co.	2870	A		Lone Star Gas Co.	5950	C		Tenses Gas Gathering Corp.
0690	A		Carnegie Natural Gas Co.	2880	A		Lone Star Gathering Co.	6090	A	*	Texas Eastern Transmission Corp.
0730	A		Cascade Natural Gas Corp.	2960	C		Louisiana Nevada Transit Co.	6150	A		Texas Gas Pipe Line Corp.
0802	C		Chandeleur Pipeline Company	3200	A	*	Manufacturers Light and Heat Co.	6210	A	*	Texas Gas Transmission Corp.
0820	A	*	Chicago District Pipeline Co.	3220	C		Marengo Corporation	6420	A	*	Transcontinental Gas Pipe Line Corp.
0835	B		Cimarron Transmission Co.	3250	A	*	Michigan Gas Storage Co.	6425	A	*	Transwestern Pipeline Co.
0840	A	*	Cities Service Gas Co.	3320	A	*	Michigan Wisconsin Pipe Line Co.	6450	A	*	Trunkline Gas Co.
0930	A	*	Colorado Interstate Gas Co.	3360	A	*	Midwestern Gas Transmission Co.	6510	A		Union Gas System, Inc.
1010	A	*	Columbia Gulf Transmission Co.	3382	A	*	Mississippi River Transmission Corp.	6520	A		Union Light Heat and Power Co.
1060	C		Commercial Pipeline Co., Inc.	3410	A		Montana-Dakota Utilities Co.	6600	A	*	United Fuel Gas Co.
1075	A	*	Consolidated Gas Supply Corp.	3500	A		Mountain Fuel Supply Co.	6630	A	*	United Gas Pipe Line Co.
1230	A		Cumberland and Allegheny Gas Co.	3620	A	*	Natural Gas Pipeline Co. of America	6660	A		United Natural Gas Co.
1235	D		Cumberland Natural Gas Co., Inc.	3628	C		Natural Gas Service Inc.	6825	A		Valley Gas Co.
1450	A		East Tennessee Natural Gas Co.	3770	A		North Penn Gas Co.	6835	A		Valley Gas Transmission, Inc.
1457	B		Eastern Shore Natural Gas Co.	3800	A	*	Northern Natural Gas Co.	6900	A		Washington Gas Light Co.
1460	D		El Paso Gas Transportation Corp.	3810	A		Northern Natural Gas Pipeline Co.	6945	A	*	West Texas Gathering Co.
1470	A	*	El Paso Natural Gas Co.	3830	A		Northern Utilities, Inc.	6955	A		Western Gas Service Co.
1515	D		Emitsburg Gas Company	3980	A	*	Ohio Fuel Gas Co.	6965	C		Western Transmission Corp.
1650	A		Equitable Gas Co.	4000	B		Ohio River Pipeline Corp.	6990	D		Wheeler Gas Co.
1705	A	*	Florida Gas Transmission Co.	4045	A		Oklahoma Natural Gas Gathering Corp.	7135	C		Zenith Natural Gas Co.
1710	A		Fort Smith Gas Corp.	4090	A		Orange & Rockland Utilities, Inc.				
1815	C		Gas Marketing, Inc.	4135	A	*	Pacific Gas Transmission Co.				
1830	C		Gas Transport, Inc.	4160	A	*	Panhandle Eastern Pipeline Co.				
1905	C		Grand Valley Transmission Co.	4310	A		Pennsylvania Gas Co.				
1907	B		Granite State Gas Transmission Co.	4330	B		Pennsylvania and Southern Gas Co.				
1960	C		Gulf Resources, Inc.	4493	A		Plateau Natural Gas Co.				
2150	A		Home Gas Co.	4670	C		Raton Natural Gas Company				
2240	A	*	Humble Gas Transmission Co.	4804	C		Rio Sabine, Inc.				
2380	C		Indiana Utilities Corp.	4818	B		Sabine Pipe Line Co.				
2395	A		Inland Gas Company, Inc.	5020	B		Shenandoah Gas Co.				
2435	A		Interstate Power Co.	5170	C		South County Gas Co.				

*** Pipeline companies filing monthly reports.**

(1) Include current and non-current stored gas less any reserve for unrecoverable gas.
(2) Enter the largest peak day delivery during the reporting month if it exceeded the last peak day delivery reported in Form 11 or Form 2. If no new peak was experienced, enter "No change". Storage deliveries should be excluded from the computation.

COMPANY CODE NO.	FOR MONTH OF 19___	DATE PREPARED *(Enter numerically, month, day and year)* / /	Page 5 of 5

TABLE 6 AMOUNTS INCLUDED IN MONTHLY REVENUES AND EXPENSES (Gas Purchases) WHICH ARE ATTRIBUTABLE TO RATE INCREASES IN EFFECT BUT NOT FINALLY APPROVED BY FPC

ITEM (a) *(Indicate contra items by a minus sign preceding the amount.)*	GAS REVENUES FROM SALES TO: *(Omit cents)*		GAS PURCHASES FROM: *(Omit cents)*	
	Current year	*Previous year*	*Current year*	*Previous year*
	24 (b) 33	34 (c) 43	44 (d) 53	54 (e) 63
1. Ultimate consumers (Served by resp.)	$	$	$ ▨	$ ▨
Gas Utilities listed in Table 5:				
2. Monthly reporters (1)				
3. Other pipelines (2)				
4. Gas Utilities not listed in Table 5:			▨	▨
5. Producers	▨	▨		
6. Total				
	24 33	34 43	44 53	54 63

TABLE 7 GAS REVENUES AND GAS PURCHASE COSTS ATTRIBUTABLE TO RATE INCREASES SUBJECT TO POSSIBLE ADJUSTMENT IN COMMISSION RATE PROCEEDINGS - ACCUMULATING BALANCES

(All amounts exclude possible interest payments)

ITEM (a) *(Indicate contra items by a minus sign preceding the amount.)*	REVENUES FROM GAS SALES TO: *(Omit cents)*		
	Gas Utilities not listed in Table 5	Gas Utilities listed in Table 5	Ultimate Consumers Served by Respondent
	24 (b) 33	34 (c) 43	44 (d) 53
1. Amount beginning of month	$	$	$
2. Increase during month			
Decrease during month due to:			
3. Rates approved			
4. Rates disapproved			
5. Rate increase withdrawn			
6. Amount end of month			
7. Refunds paid during month			
			44 53

	GAS PURCHASES FROM: *(Omit cents)*	
	Producers	Gas Utilities listed in Table 5
	24 (e) 33	34 (f) 43
8. Amount beginning of month	$	$
9. Increase during month		
Decrease during month due to:		
10. Rates approved		
11. Rates disapproved		
12. Rate increase withdrawn		
13. Amount end of month		
14. Refunds received during month		

(1) Gas pipelines indicated by asterisk in Table 5.

(2) All other pipelines listed in Table 5.

Remarks: (If additional space is needed use reverse side of page 1.)

FPC Form 15
Rev (1-70)

FORM APPROVED
BUDGET BUREAU NO. 54R0078

NATURAL GAS COMPANIES
ANNUAL REPORT
OF
GAS SUPPLY
OF

(Exact Legal Name of Respondent)

(Address of Principal Business Office at End of Report Year)

TO THE

FEDERAL POWER COMMISSION

FOR THE

YEAR ENDED DECEMBER 31, 19__ report year

(Name) (Title) (Telephone Number)

(Business Address)

Name, title, business telephone number and address of Officer or other person to whom should be addressed any communication concerning this report.

FPC Form 15
Rev (1-70)

ANNUAL REPORT
OF
GAS SUPPLY

General Instructions

1. An original and four conformed copies of this report, properly filled out and verified, shall be filed with the Federal Power Commission, Washington, D.C. 20426, on or before each June 1, for the calendar year ending December 31, by all natural gas companies subject to the requirements of § 260.7 of the Commission's regulations (18 CFR 260.7) prescribed by Order No.   in Docket No. R- 308. One copy will be retained by the company in its files.

2. This report need not be filed by a natural gas company which has year end remaining recoverable reserves consisting of 50 billion cubic feet or less of company owned and independent producer contract reserves, at 14.73 psia at 60° Fahrenheit, or by a natural gas company which purchases its entire supply of natural gas from another pipeline company which is subject to the Commission's jurisdiction; such companies shall file in lieu of Form 15 a Form 15-A report. Companies which act as transporters and do not buy or sell gas shall file a statement giving the names and addresses of the company or companies for which it acts as a transporter.

3. All gas volumes shall be stated on the uniform basis of measurement of 14.73 psia at 60° Fahrenheit throughout this report.

4. The original filed copy of this report shall be written or typewritten in permanent black ink; the conformed copies to be filed with the original may be reproduced by any means that provide clearly and accurately aligned impressions. This form is designed to be filled out with a typewriter having elite type.

5. Upon request of the Secretary of the Federal Power Commission the company shall submit such additional supporting and clarifying data and information as may be specified.

6. Sheets may be inserted in this form to provide greater space for explanations. Insert sheets shall be of durable paper and shall conform in size to the dimensions of pages of this form. The inserts should be securely bound in the report. Attachment by pins or clips is unacceptable. The numbers and titles of the schedules, of which they are a part, should appear on all insert pages.

Exerpts From the Law

(Natural Gas Act, 15, U.S.C. 717-717w)

"Sec. 10 (a). Every natural-gas company shall file with the Commission such annual and other periodic or special reports as the Commission may by rules and regulations or order prescribe as necessary or appropriate to assist the Commission in the proper administration of this act. The Commission may prescribe the manner and form in which such reports shall be made, and require from such natural-gas companies specific answers to all questions upon which the Commission may need information. The Commission may require that such reports shall include, among other things, full information as to assets and liabilities, capitalization, investment, and reduction thereof, gross receipts, interest due and paid, depreciation, amortization, and other reserves, costs of facilities, cost of maintenance and operation of facilities for the production, transportation, or sale of natural gas, cost of renewal and replacement of such facilities, transportation, delivery, use, and sale of natural gas. ***"

"Sec. 16. The Commission shall have power to perform any and all acts, and to prescribe, issue, make, amend, and rescind such orders, rules, and regulations as it may find necessary or appropriate to carry out the provisions of this act. Among other things, such rules and regulations may define accounting, technical and trade terms used in this act; and may prescribe the form or forms of all statements, declarations, applications, and reports to be filed with the Commission, the information which they shall contain, and time within they shall be filed. ***"

General Penalties

"Sec. 21 (b). Any person who willfully and knowingly violates any rule, regulation, restriction, condition, or order made or imposed by the Commission under authority of this act, shall, in addition to any other penalties provided by law, be punished upon conviction thereof by a fine of not exceeding $500 for each and every day during which such offense occurs."

Additional copies of the pages and schedules of this form can be obtained upon request.

FPC Form 15
Rev (1-70)

ANNUAL REPORT
OF
GAS SUPPLY

Table of Contents

Enter in the space provided in column (b) the inclusive page numbers for each numbered item set forth below under "Title" column (a). Under "Remarks" column (c) designate by the terms "none" or "not applicable," as appropriate, those items where no information or data has been reported. Pages may be omitted for those items where the responses are "none" or "not applicable."

Title (a)	Page No. (b)	Remarks (c)
1. General Instructions	0002	xxxx
2. Definitions	0004-0006	xxxx
3. Synopsis of Pipeline Company Gas Supply	0007	
4. Summary of Gas Reserve Changes	0007	
5. Gas Procurement Activity Statement	0008	
6. Schedule No. 1.; System Summary: Reserves, Purchases and/or Production, Future Additions, Deliverability Estimate		
7. Schedule No. 2.; Sources of Supply: Reserves, Purchases and/or Production, Deliverability Estimate, Maximum Daily Quantity, Productive Capacity, BTU		
8. Schedule No. 3.; Fields and Reservoirs: Reserves, Cumulative Purchased and/or Produced, Revisions and Additions		
9. Footnotes		
10. Attestation		xxxx
11. Pipeline System Maps		
12. Reservoir Maps	xxxx	xxxx
General Reporting and Coding Instructions	i-xvii	xxxx

FPC Form 15
Rev (1-70)

ANNUAL REPORT
OF
GAS SUPPLY

Definitions

1. **Annual Requirements** are the pipeline company's certificated total system annual gas requirements, and company used and unaccounted for gas.

2. **Associated - Dissolved Gas** (covers either or both):

   Associated Gas: Natural Gas, commonly known as gas cap gas, which overlies and is in contact with crude oil in the reservoir. Associated gas may be reported as non-associated gas in cases where this classification is the result of a regulatory ruling or company operating practice when the production of associated gas has no significant effect on crude oil production.

   Dissolved Gas: Natural gas which is in solution with crude oil in the reservoir.

3. **B.T.U.** required on Schedule No. 2 is the heating value of the salable gas expressed in British Thermal Units per cubic foot of gas on a saturated basis.

4. **Contract Area** for the purpose of this report covers the area encompassed by one or more fields under a single gas purchase contract but not larger than the area covered by a single source of supply as defined below.

5. **Dedicated Reserves** are defined as the volume of recoverable salable gas reserves committed to, controlled by, or possessed by the reporting pipeline company and which are used for acts and services for which both the seller and the company have received certificate authorization from the Federal Power Commission.

6. **Deliverability Life** is the number of future years during which a pipeline company can meet its annual requirements for its presently certificated delivery capacity from presently committed sources of supply. The availability of gas from these sources of supply shall be governed by the physical capabilities of these sources to deliver gas, by the terms of existing gas purchase contracts and the limitations presently imposed by state or federal regulatory agencies.

7. **End of Period**: the end of the calendar year, December 31st.

8. **Field**: A field is an area consisting of a single reservoir or multiple reservoirs all grouped on, or related to, the same individual geological structural feature and/or stratigraphic condition. There may be two or more reservoirs in a field which are separated vertically by intervening impervious strata, or laterally by local geologic barriers, or by both. A new field is a new area of oil or gas production with accumulation being controlled by a separate geological structural feature and/or stratigraphic condition to the extent that the new discovery is not considered a new pool, or an extension of a pool, in a preexisting field. For the purpose of this report, "pool" is always synonymous with "reservoir." Field names as designated by regulatory bodies should be used if at all possible, where such use conflicts, an explanatory footnote is required which gives the regulatory name.

9. **Field Area** applies generally to the Appalachian Region and is defined as a geographic area encompassing two or more pools that have a common gathering and metering system, the reserves of which are reported as a single unit. See pool definition below.

FPC Form 15
Rev (1-70)

ANNUAL REPORT
OF
GAS SUPPLY

10. Gas Supply is the dedicated recoverable salable natural gas available to the reporting company from company owned reserves, independent producer contract reserves, gas purchases contracts with other interstate pipeline companies subject to the jurisdiction of the Federal Power Commission, and from foreign suppliers.

11. Import Contract covers gas supply contracted from and volumes of gas purchased from a foreign supplier.

12. Maximum Daily Quantity (Mcf/d) is the maximum daily quantity the pipeline can reasonably rely upon from a given source of supply.

13. Miscellaneous Reserves for the purpose of this report are a very small group of fields totaling not more than fifty billion cubic feet each of dedicated recoverable salable reserves and must be reported as a single source of supply following the definition for source of supply as given below.

14. Non-Associated Gas: Natural gas which is in reservoirs that do not contain significant quantities of crude oil.

15. Pipeline Purchase is gas supply contracted from and volumes purchased from other Natural Gas Companies as defined by the Natural Gas Act, as amended (52 Stat. 821), excluding Independent Producers, as defined in Paragraph 154.91 (a), Chapter I, Title 18 of the Code of Federal Regulations.

16. Plant or Gas processing Plant: a gas processing plant is a facility designed (1) to achieve the recovery of natural gas liquids from the stream of natural gas which may or may not have been processed through lease separators and field facilities, and (2) to control the quality of the natural gas to be marketed. Cycling plants are classified as gas processing plants.

17. Pool: In general, the term "pool" is synonymous with the term "reservoir;" however, in certain situations, a pool may consist of more than one reservoir. Generally, this latter situation occurs in the Appalachian Region where completion, production, gathering and metering practices peculiar to that area require that a pool with more than one reservoir be reported as a single reservoir.

18. Productive Capacity for non-associated natural gas reservoirs is defined on page 109 and 110 of Volume 23 of "RESERVES OF CRUDE OIL, NATURAL GAS LIQUIDS, and NATURAL GAS in the UNITED STATES and CANADA as of December 31, 1968," published jointly by the American Gas Association, Inc., the American Petroleum Institute and the Canadian Petroleum Association. For productive capacity of associated and solution gas report the maximum daily quantity that the pipeline can reasonably rely upon from a given source of supply.

FPC Form 15
Rev (1-70)

ANNUAL REPORT
OF
GAS SUPPLY

19. Purchased and/or Produced is the annual volume of gas purchased under contracts with Independent Producers as defined in Paragraph 154.91 (a), Chapter I, Title 18 of the "Code of Federal Regulations," or produced under leaseholds, gas rights, and reserves held in fee by the reporting company.

20. Recoverable - Proved Reserves: Proved reserves of natural gas as of December 31st of any given year are the estimated quantities of natural gas which geological and engineering data demonstrates with reasonable certainty to be recoverable in the future from known natural oil and gas reservoirs under existing economic and operating conditions.

21. Reservoir: A reservoir is a porous and permeable underground formation containing an individual and separate accumulation of producible hydrocarbons (oil and/or gas) which is confined by impermeable rock or water barriers and is characterized by a single natural pressure system. In most situations, reservoirs are classified as oil reservoirs or gas reservoirs by a regulatory agency. Where possible reservoir names and classifications established by a regulatory body should be used.
In the absence of regulatory authority, classification is based on natural occurrence of the hydrocarbons in the reservoir and classification and names may be determined by the respondent.

22. Salable - Natural Gas which is marketed under controlled quality conditions.

23. Source of Supply as reported in Schedule No. 2 may be a field with one or more reservoirs, several fields under a single gas purchase contract and classified as a contract area for the purpose of this report, miscellaneous fields, a processing plant, a warranty contract, an import contract, a pipeline purchase contract with another interstate pipeline company, or a field area, providing however, that the geographic area encompassed by an single source of supply may not be larger than the smallest of the following: a state, an FPC production area or that portion of an FPC production area lying within a single state when the boundaries of said production area cross a state line or lines.

24. Warranty Contracts are gas purchase agreements for the sale of natural gas by a producer to a pipeline company wherein the producer warrants it will have available sufficient gas supplies to meet its commitments over the life of the contract. Generally, the producer does not dedicate gas reserves underlying any specific acreage, lease or fields to the agreement. Substitution of various sources of gas supply may be permitted according to the terms of the contract. Warranty Contracts by their terms, may vary from the above, if so, Form 15 respondents should so verify any variance from the definitions by footnote entry.

FPC Form 15
Rev (1-70)

Federal Power Commission
ANNUAL REPORT - TOTAL GAS SUPPLY

Company Code	Company Name	Class	Mo. Yr. Period Ending

Synopsis of Pipeline Company Gas Supply (All volumes in Millions of Cubic Feet at 14.73 psia at 60°F.)

01 This is a Class ______ natural gas company as defined in the "Uniform System of Accounts."

02 The estimated total volume of dedicated remaining recoverable salable gas reserves at end of current report year ______.

03 Reserves pending certification end of current report year ______. Requirements pending certification end of current report year ______. 1/

LAST CERTIFICATE APPLICATION
For the last application for a certificate of public convenience and necessity under section 7(c) of the Natural Gas Act, in which the total system supply was submitted, and for which a certificate was granted give the following:

		Column 1	Column 2
04	Docket Number:	______	
05	Date certificate was issued:	__/__/__ Month Day Year	
06	Total dedicated gas supply:	______	
07	Date of the estimate:	__/__ Month Year	
08	Deliverability life in years:	______	
09	Average annual system requirements:	______	
10	Reserve Life Index, calculated from Lines 06 and 09 above:	______	

Summary of Gas Reserve Changes

		Previous Year 19__ (1)	Current Year 19__ (2)
11	Revisions to Previous Reserve Estimates During Report Year (+ or -)	______	______
12	Additions to Previous Reserve Estimates During Report Year:	______	______
13	Total: (Lines 01 and 02)	______	______
14	New Reserves certificated during Report Year:	______	______
15	Volume of Reserves added under budget certificate authorization during Report Year:	______	______

1/ Applications pending before the Federal Power Commission for sales to new markets and to expand sales to old ones.

Footnote: ☐

FPC Form 15
Rev (1-70)

Federal Power Commission
ANNUAL REPORT - TOTAL GAS SUPPLY

______ Company Code

______________ Company Name

______ Class

______ Mo. Yr. Period Ending

Gas Procurement Activity Statement

GAS PROCUREMENT ACTIVITY

Submit a general statement bearing on, but not limited to (a) the company's gas procurement activity, and (b) status of exploration and development activity in, or near, the general producing areas traversed by or available to the pipeline system to provide information which may be relied upon by respondent with respect to applications for certificates under Section 7(c) of the Natural Gas Act. (Statement of Policy, Docket No. P-239, 18 CFR 260.7).

FPC Form 15
Rev (1-70)

Federal Power Commission
ANNUAL REPORT - TOTAL GAS SUPPLY

Company Code ______ Company Name ______ Class ______ Mo. Yr. Period Ending ______

Schedule No. 1
SYSTEM DELIVERABILITY SUMMARY

(All Volumes in Billions of Cubic Feet at 14.73 psia and 60°F)

CURRENT GAS SUPPLY

Line No.		OWNED (1)	CONTRACTED (2)	WARRANTY CONTRACT (3)	PIPELINE PURCHASE (4)	TOTAL PIPELINE SYSTEM (5)	Line No.
101	Reserves						101
102	Purchased and/or Produced						102

Line No.	Year	Number of Years	Owned and Contracted	Pipeline Purchases	Future Additions	Total Pipeline System	Annual Requirements	Line No.
103		01						103
104		02						104
105		03						105
106		04						106
107		05						107
108		06						108
109		07						109
110		08						110
111		09						111
112		10						112
113		11						113
114		12						114
115		13						115
116		14						116
117		15						117
118		16						118
119		17						119
120		18						120
121		19						121
122		20						122

123	Volumes Scheduled						123
124	Remaining Reserves						124

125 Firm Gas Sales ______ % Interruptible Gas Sales ______ % Other Gas Use ______ % Reserve Life Index ______ Years 125

FOOTNOTE: ☐

FPC Form 15
Rev (1-70)

Federal Power Commission
ANNUAL REPORT - TOTAL GAS SUPPLY

Company Code ______

Company Name ______ Class ______ Mo. Yr. Period Ending ______

Schedule No. 2
DELIVERABILITY ESTIMATE FOR EACH SOURCE OF SUPPLY

(All Volumes in Millions of Cubic Feet at 14.73 psia at 60°F.)

Line No.											Line No.
201	Source Supply Code	Source of Supply Name			Source Supply Class Code	Offshore Area Name	Zone No.	State Code	County Code	FPC Prod. Area Code	State Name	County or Parish Name	201
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)				
202	Owned and Contracted	Gas Purchased and/or Produced	Total Gas Volume Scheduled	Volume not Scheduled	Non-Assoc. Daily Productive Capacity	Assoc. & Sol. Daily Productive Capacity	Max. Daily Quantity	BTU				202
203	1	2	3	4	5	6	7	8	9	10	Previous Source of Supply Code	203
204	11	12	13	14	15	16	17	18	19	20	☐ Footnote:	204

SOURCE OF SUPPLY CLASS CODE Enter only one code

Field	- 1	Pipeline	- 4	Contract Area	- 7
Field Area	- 2	Miscellaneous	- 5	Warranty Contract	- 8
Plant	- 3	Import	- 6		

Schedule No. 3
DEDICATED REMAINING RECOVERABLE SALABLE GAS RESERVES

(All Volumes in Millions of Cubic Feet at 14.73 psia at 60°F.)

Line No.										Line No.
301	* Field Code	Field Name	Offshore Area Name	Zone No.	State Code	County Code	FPC Prod. Area Code	State Name	County/Parish Name	301

Line No.	Previous Field Code (1)	Seq. No. (2)	Reservoir Name (3)	Formation Name (4)	Map Yr. (5)	Geol. Code (6)	Type (7)	Depth (8)	RCC Code (9)	+ or − (10)	Revisions (11)	Additions (12)	Cumulative Gas Volumes Withdrawn (13)	Remaining Reserves (14)	Line No.
302															302
303															303
304															304
305															305
306															306
307															307
308															308
309															309
310															310
311															311
312															312
313															313
314															314
315															315
316															316
317															317
318															318
319															319
320															320
321															321

	FIELD TOTALS						
322	Gas Purchase Contracts	TP					
323	Company Owned Gas Reserves	TO					
324	Total of GPC and CO Gas Reserves	TT					

☐ Footnote:

FPC Form 15
Rev (1-70)

Federal Power Commission
ANNUAL REPORT - TOTAL GAS SUPPLY

Company Code

Company Name

Class

Mo. Yr. Period Ending

FOOTNOTES (See Reporting and Coding Instructions)

Line No.	Page No.	Supplement No.	Footnote Reference				Footnote
			Schedule No.	Line No.	Column No.	Suffix	
01							
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
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FPC Form 15
Rev (1-70)

Federal Power Commission
ANNUAL REPORT - TOTAL GAS SUPPLY

______ Company Code	______ Company Name	______ Class	______ Mo. Yr. Period Ending

ATTESTATION

The foregoing report must be attested by an officer of the company:

______________________________ certifies that
(Insert here the name of attester)

he is ______________________________
(Insert here the official title of the attester)

of ______________________________ that
(Insert here the exact legal title of the respondent)

he has examined the foregoing report; that to the best of his knowledge information, and belief, all statements of fact contained in the said report are true and the said report is a correct statement of the gas supply of the above-named respondent in respect to each and every matter set forth therein during the period from and including January 1, 19__ to and including December 31, 19__.

____
(Signature of Attester)

FPC Form 15
Rev (1-70)

ANNUAL REPORT
OF
GAS SUPPLY

Reporting Instructions

This report is designed to be processed by electronic data processing therefore all instructions must be followed explicitly. Enter in the body of the Schedules ONLY those data specified by the instructions.

Pressure Base: All gas volumes will be reported on a uniform pressure base of 14.73 psia at 60° Fahrenheit throughout the report.

CAPITAL LETTERS: Use all CAPITAL LETTERS in completing this form. Compass points must always be abbreviated and follow the field or source of supply name; e.g., EAST HARMONY FIELD, will be entered as, HARMONY E; NORTHWEST HARMONY FIELD, will be entered as HARMONY NW. A plant name must be followed by the word PLANT. Special punctuation marks (commas, periods, etc.) unless a significant feature of the spelling (hyphenated names) may not be used.

WHOLE INTEGERS: Use only WHOLE INTEGERS, when reporting gas volume data. Do not separate the integers in volume figures by commas or spaces.

Zero Volumes When a volume is less than one million cubic feet or is zero (0) fill this space with zeros; the number of zeros to equal the allowed digits for the space as indicated in the instructions.

Negative Volumes No negative volumes are to be entered except as specified under "REVISIONS" in the instructions to Schedule No. 3 and on Page 0007.

Unknown Volumes Leave the required space blank when data is not available or is unknown and explain the absence in a footnote.

Decimal Volumes Report all volumes as whole numbers; i.e.: Tenths and hundredths of a million cubic feet may not be used. Fill the space with the proper number of zeros when the volume is less than one million cubic feet.

Repetition DO NOT use ditto (") marks or other devices to indicate repetition. Repeat the data.

Subtotals DO NOT enter any subtotals or other sub-classifications of the data in the body of the schedules. ENTER ONLY THOSE DATA SPECIFICALLY INDICATED BY THE INSTRUCTIONS. Individual variations from specific instructions can be reported ONLY in footnotes (See footnote reporting instructions below).

Pagination: Page numbers have four digits. Pages 0002 through 0008 are preprinted; subsequent pages are to be numbered consecutively in each initial annual filing. Insert pages and pages filed as revisions or amendments to replace or correct pages in the initial filing will carry the number of the page they are to replace and a numerical supplement will be entered in the box which each page carries immediately to the right of the page number; i.e.: page 0018 will be followed by 0018 $\boxed{1}$, 0018 $\boxed{2}$, 0018 $\boxed{3}$ etc.

Filing Sequence:

1. Sources of Supply, Schedule No. 2 : These schedules are to be arranged within the report alphabetically by states and alphabetically by source of supply names within each state with the following exceptions: pipeline purchase contracts, exchange agreements, warranty contracts and import contracts are to be intermixed, filed in the report behind the other sources of supply and arranged alphabetically by pipeline company, producer and foreign supplier names.
2. Fields and Field Areas, Schedule No. 3 : When a source of supply is made up of more than one field or field area, the second and succeeding Schedules No. 3 are to be arranged alphabetically by field and field area names.

FPC Form 15
Rev (1-70)

ANNUAL REPORT
OF
GAS SUPPLY

Footnotes: DO NOT USE asterisks, reference marks, notations or any other device of any kind in the body of the schedules.

ENTER ONLY those data required by the instructions. When a page or schedule requires a footnote, check the footnote box provided at the bottom of each page and enter the footnote in the footnote reference page at the end of the report.

ALL FOOTNOTES MUST BE REFERENCED BY PAGE, SCHEDULE, LINE, AND COLUMN NUMBERS IN ONE OF THE FOLLOWING WAYS:

1. By Page Number Only : When a footnote refers to an entire page other than a numbered schedule, enter the page only in the footnote reference page.
2. By Schedule Number Only : When a footnote refers to an entire set of schedules such as all Schedule's No. 3, enter only the schedule number in the footnote reference page.
3. By Page and Schedule : When a footnote refers to a single page of a schedule, enter page number and schedule number in the footnote reference page.
4. By Page, Schedule, and Line Number : When a footnote refers to a single line of a page, enter the page number, the schedule number, if applicable, and the line number in the footnote reference page.
5. By Page, Schedule, Line and Column Numbers : When a footnote refers to only one entry such as a single volume reported in a schedule, enter the page number, the schedule number, the line number and the column number in the footnote reference page.
6. By Page, Schedule and Column Numbers : When a footnote refers to a single column of a page, enter the page number, the schedule number, if applicable, and the column number in the footnote reference page.

Footnotes are to be listed on the footnote reference page by page numbers, smallest to largest, top to bottom.

Non-Jurisdictional (non-dedicated) Reserves: Must be indicated by a footnote and and an alphabetical suffix must follow the footnote reference numbers. A column is provided on the footnote reference page for this suffix. The following suffixes are to be used: Non-Jurisdictional - A, mixed jurisdictional and non-jurisdictional - B.

Proper Number of Characters (Digits and Letters): When reporting numeric codes, numeric data, or alpahbetic information the maximum number of characters that may be entered in a given space is specified by a number enclosed in parenthesis ( ) following the item name in the "Instructions to Schedules." All numeric codes must contain the exact number of digits specified; i.e.: The maximum numeric length for the field code is six "Field Code (6)" or the maximum alphabetic length for Reservoir Name (30). If the number of alphabetic characters in a name exceeds the maximum reserved, the name must be abbreviated.

FPC Form 15
Rev (1-70)

ANNUAL REPORT
OF
GAS SUPPLY

Coding Instructions

When reporting numeric codes, numeric data or alphabetic information, the maximum number of characters that may be entered in any given space is specified by a number enclosed in parenthesis ( ) following the item name in the "INSTRUCTIONS TO SCHEDULES." All codes entered must have the exact number of digits specified; i.e.: the maximum numeric length for the field code is six (6), Field Code (6) Reservoir Name (38).

Uniform Codes : Uniform codes are used to identify certain information in the schedules. These codes are obtained from FPC code books or are assigned by the respondent. Codes for Class (1), Company Code (4), State Code (2), County Code (3), Geologic Age Code (3), Class of Source of Supply (1), Zone Number (1), Type Code (1) for gas, RCD Code (2), and Producer Code (6) are provided in the FPC code books (Purchaser Code Book, Seller Code Book, and the Geographical Location Code Book), are listed in Form 15 or are prescribed by the FPC's "Uniform System of Accounts for Natural Gas Companies."

Company Assigned Codes : The Field Code (6), Field Area Code (6), Plant Code (4), Contract Area (6) and Reservoir Sequence Number (3) are to be assigned by the reporting company. Each of these codes must be a unique number and once assigned to a unit must be used consistently throughout the report this year and in subsequent years. Caution should be observed in selecting these numeric codes to be certain that a code is not repeated in the same or different categories in this year, previous years or subsequent years and that it is not listed in the FPC code books.

Source of Supply Code (6) : Will be the code that has been assigned to the unit designated as a source of supply in Schedule No. 2. When a Plant Code (4), or a Company Code (4) is used as a source of supply code, the plant code or company code must be preceded by two leading zeros to form a six digit code.

Import Code : The FPC "Seller Code Book" lists foreign suppliers and the code for each to be used in Schedule No. 2 as the Source of Supply Code (6).

Warranty Contract Code : When a warranty contract is used as a source of supply in Schedule No. 2, the code for the supplier is used as the Source of Supply Code (6). Codes for independent producers are listed in the FPC "Seller Code Book."

Offshore Code : When reporting Fields or Sources of Supply considered to be offshore use "999" as the county code with the appropriate state code.

Miscellaneous Code : When reporting a Miscellaneous Source of Supply, enter the code number "999999" in the space entitled Source of Supply Code; Schedule No. 2, Line 01.

Type Accumulation Codes : Schedule No. 3, Non-Associated -N, Associated - Dissolved -A, Combination -C.

RCD Codes : When reporting reservoir data on Schedule No. 3 for gas purchase contracts, RCD Code is GP. When reporting reservoir data on Schedule No. 3 for company owned reserves, RCD Code is CO.

FPC Form 15
Rev (1-70)

ANNUAL REPORT
OF
GAS SUPPLY

Geologic Code (3):

Erathem	System	Formal and Provincial Series	Codes (3)
Cenozoic 1			100
	Quaternary 0 1		110
		1 Recent	111
		2 Pleistocene	112
	Tertiary 0 2		120
		1 Pliocene	121
		2 Miocene	122
		3 Oligocene	123
		4 Eocene	124
		5 Paleocene	125
Mesozoic 2			200
	Cretaceous 0 1		210
		1 Upper	211
		2 Gulf	212
		7 Lower	217
		8 Comanche	218
		9 Coahuila	219
	Jurassic 0 2		220
		1 Upper	221
		4 Middle	224
		7 Lower	227
	Triassic 0 3		230
		1 Upper	231
		4 Middle	234
		7 Lower	237
Paleozoic 3			300
	Permian 0 1		310
		1 Upper	311
		2 Ochoa	312
		3 Guadalupe	313
		7 Lower	317
		8 Leonard	318
		9 Wolfcamp	319

Erathem	System	Formal and Provincial Series	Codes (3)
	Pennsylvanian 0 2		320
		1 Upper	321
		2 Virgil	322
		3 Missouri	323
		4 Middle	324
		5 Des Moines	325
		6 Atoka	326
		7 Lower	327
		8 Morrow	328
	Mississippian 0 3		330
		1 Upper	331
		2 Chester	332
		3 Meramec	333
		7 Lower	337
		8 Osage	338
		9 Kinderhook	339
	Devonian 0 4		340
		1 Upper	341
		2 Chautauquan	342
		3 Senecan	343
		4 Middle	344
		5 Erian	345
		7 Lower	347
		8 Ulsterian	348
	Silurian 0 5		350
		1 Upper	351
		2 Cayugan	352
		4 Middle	354
		5 Niagaran	355
		7 Lower	357
		8 Alexandrian	358
	Ordovician 0 6		360
		1 Upper	361
		2 Cincinnatian	362
		4 Middle	364
		5 Champlainian	365
		7 Lower	367
		8 Canadian	368

ANNUAL REPORT
OF
GAS SUPPLY

Erathem	System	Formal and Provincial Series	Codes (3)
	Cambrian 0 7		370
		1 Upper	371
		4 Middle	374
		7 Lower	377
Precambrian 4			400
Basement			500
Unknown			600

FPC Production Area Codes (2) and their Geographical Description

Appalachian - Code 01

West Virginia and Ohio
Virginia - Buchanan, Dickinson, Wise, Lee, Scott, Russell, Tazewell, Smyth, and Washington Counties.
Maryland - Garrett, Allegany, and Washington Counties.
Pennsylvania - Franklin, Huntingdon, Centre, Lycoming, Sullivan, and Susquehanna Counties and all counties west of this group.
New York - Broome, Chenango, Madison, Onodaga, Cayuga, Wayne, Monroe, Orleans and Niagara Counties and all those counties to the south and west of this group.
Kentucky - Clinton, Russell, Casey, Boyle, Mercer, Woodford, Scott, Grant, and Boone Counties and all counties to the east of this group.

Illinois Basin - Code 02

Illinois and that portion of western Kentucky not included in the Appalachian Area.

Mississippi - Code 03

Mississippi and Marion, Fayette, Lamar and Pickens Counties, Alabama.

North Louisiana - Code 04

The portion of Louisiana lying north of the southern boundaries of the following parishes: Concordia, Catahoula, La Salle, Grant, Natchitoches and Sabine.

South Louisiana - Code 05

The portion of Louisiana lying south of the northern boundaries of the following parishes: Point Coupee, Avoyllea, Rapides and Vernon.

East Texas - Arkansas - Code 06

Texas Railroad Commission District No. 6 - Anderson, Angelina, Bowie, Camp, Cass, Cherokee, Franklin, Gregg, Harrison, Houston, Marion, Morris Nacogdoches, Panola, Red River, Rusk, Sabine, San Augustine, Shelby, Smith, Titus, Upshur, and Wood Counties.
Arkansas - Little River, Hempstead, Miller, Lafayette, Nevada, Columbia, Ouachita, Union, Calhoun, Bradley, Ashley, and Chicot Counties.

ANNUAL REPORT
OF
GAS SUPPLY

Texas Gulf Coast (Texas Railroad Commission District No. 2) 1/ - Code 07

Consists of the following counties: Live Oak, Karnes, De Witt, Lavaca, Bee, Golida, Victoria, Jackson, Refugio, and Calhoun.

Texas Gulf Coast (Texas Railroad Commission District No. 3) 1/ - Code 08

Consists of the following counties: Lee, Burleson, Brazos, Madison, Fayette, Washington, Grimes, Walker, Trinity, Colorado, Austin, Waller, Montgomery, San Jacinto, Polk, Wharton, Ft. Bend, Harris, Liberty, Hardin, Tyler, Matagorda, Brazoria, Galveston, Chambers, Jefferson, Orange, Jasper, and Newton.

Texas Gulf Coast (Texas Railroad Commission District No. 4) 1/ - Code 09

Consists of the following counties: Webb, Duval, Jim Wells, San Patricio, Nueces, Kleberg, Zapata, Jim Hogg, Brooks, Kenedy, Starr, Hidalgo, Willacy, Cameron, and Aransas.

Texas Railroad Commission District No. 1 1/ - Code 10

Consists of the following counties: Val Verde, Edwards, Kerr, Gillespie, Mason, Llano, Burnet, Bell, Milam. Williamson, Blanco, Travis, Bastrop, Hays, Kendall, Comal, Caldwell, Real, Bandera, Kinney, Uvalde, Medina, Bexar, Guadalupe, Gonzales, Wilson, Maverick, Zavala, Frio, Atascosa, Dimmit, La Salle, and McMullen.

Texas Railroad Commission District No. 5 1/ - Code 11

Consists of the following counties: Bosque, Collin, Dallas, Delta, Ellis, Falls, Fannin, Freestone, Henderson, Hill, Hopkins, Hunt, Johnson, Kaufman, Lamar, Leon, Limestone, McLennan, Navarro, Rains, Robertson, Rockwell, Tarrant, and Van Zandt.

Texas Railroad Commission District No. 7-B 1/ - Code 12

Consists of the following counties: Brown, Callahan, Coleman, Comanche, Coryell, Eastland, Erath, Fisher, Hamilton, Haskell, Hood, Jones, Lampasas, Mills, Nolan, Palo Pinto, Parker, San Saba, Shackelford, Somervell, Stephens, Stonewall, Taylor, and Throckmorton.

Texas Railroad Commission District No. 9 1/ - Code 13

Consists of the following counties: Archer, Baylor, Clay, Cooke, Denton, Foard, Graydon, Hardeman, Jack, Knox, Montague, Wilbarger, Wichita, Wise, and Young.

Texas Railroad Commission District No. 10 1/ - Code 14

Consists of the following counties: Armstrong, Briscoe, Carson, Castro, Childress, Collingsworth, Dallam, Deaf Smith, Donley, Gray, Hall, Hansford, Hartley, Hemphill, Hutchinson, Lipscomb, Moore, Ochiltree, Oldham, Parmer, Potter, Randall, Roberts, Sherman, Swisher, and Wheeler.

Permian Basin - Code 15

New Mexico - Lea, Chaves, Eddy, and Roosevelt Counties.

Texas Railroad Commission District No. 7-C — Coke, Concho, Crockett, Irion, Kimble, McCulloch, Menard, Reagan, Runnels, Schleicher, Sutton, Terrell, Tom Green, and Upton Counties.

1/ The Federal Power Commission's General Statement on Policy No. 61-1 states in part: "The boundaries of the Texas Railroad Commission Districts are those established and in effect in 1959, as shown in the Report of the Oil and Gas Division for 1959."

FPC Form 15
Rev (1-70)

ANNUAL REPORT
OF
GAS SUPPLY

Texas Railroad Commission Districts No. 8 and 8-A

Andrews, Bailey, Borden, Brewster, Cochran, Cottle, Crane, Crosby, Culberson, Dawson, Dickens, Ector, El Paso, Floyd, Gaines, Garza, Glasscock, Hale, Hockley, Howard, Hudspeth, Jeff Davis, Kent, King, Lamb, Loving, Lubbock, Lynn, Martin, Midland, Mitchell, Motley, Pecos, Presidio, Reeves, Scurry, Sterling, Terry, Ward, Winkler, and Yoakum Counties.

Oklahoma Panhandle - Code 16

Consisting of Cimarron, Texas, Beaver, Harper, Woodward and Ellis Counties.

Oklahoma Anadarko - Code 17

Consisting of Woods, Alfalfa, Grant, Major, Garfield, Dewey, Blaine, Kingfisher, Roger Mills, Custer, Canadian, Beckham, Washita, Caddo, Grady and that part of Stephens County lying within Township 2 North, Range 4 and 5 West.

Other Oklahoma - Arkansas - Code 18

Oklahoma - Includes the balance of Stephens County and all remaining Oklahoma counties.
Arkansas - Sevier, Howard, Pike, Clark, Dallas, Cleveland, Drew, Desha, and all other Arkansas counties north of this group.

Kansas - Code 19

Consists of the entire State of Kansas.

Aneth Field - Code 20

Includes that part of San Juan County, Utah; lying within Townships 39 through 43 South, Ranges 18 through 26 East and Township 38 South, Ranges 20 and 21 East.

San Juan Basin - Code 21

New Mexico - San Juan, Rio Arriba, McKinley, and Sandoval Counties.
Colorado - Montezuma, La Plata, Archuleta, Mineral, Hinsdale, San Juan, Dolores, San Miguel, Ouray and Montrose Counties.

Uintah - Green River Basin - Code 22

Wyoming - Carbon, Sweetwater, Sublette, Lincoln, and Uinta Counties.
Utah - Summit, Daggett, Uintah, Duchesne, Wasatch, Carbon, Emery, and Grand Canyon Counties.
Colorado - Mesa, Garfield, Rio Blanco, Moffat, and Routt Counties.

Colorado - Julesburg Basin - Code 23

Consisting of the remaining Colorado Counties.
Wyoming - Albany, Platte, Laramie and Goshen Counties.
Nebraska - Kimball, Cheyenne, Deuel, Garden, Morrill, Banner, Scotts Bluff, Sioux, Dawes, and Sheridan Counties.

Montana - Wyoming - Code 24

Includes the remaining counties in Wyoming.
Montana - Park, Sweet Grass, Stillwater, Carbon, Big Horn, Yellowstone, Treasure, Rosebud and Powder River Counties.

Montana - Dakota - Code 25

Consisting of the entire State of North Dakota.
South Dakota - Harding, Perkins, and Butte Counties.
Montana - Glacier, Pondera, Teton, Cascade, Meagher, Wheatland, Golden Valley, Musselshell, Garfield, Custer and the Counties lying north and east of the counties listed.

Other - Code 99

Consisting of the remainder of the Continental United States not included in any of the above production areas.

For the purposes of this report, fields and/or sources of supply considered to be offshore Texas Railroad Commission Districts shall be coded as follows:

District No. 2 - Code 27
District No. 3 - Code 28
District No. 4 - Code 29

Offshore Zone Number Code (1)

State of Louisiana

Code 1 - Zone No. 1 comprises the area lying seaward of and within three (3) geographical miles of the so-called "Chapman-Line."
Code 2 - Zone No. 2 comprises the area which is bounded landward by the seaward boundary of Zone No. 1 and which is bounded seaward by a line three (3) Marine Leagues from the so-called "Chapman-Line."
Code 3 - Zone No. 3 comprises the area bounded landward by the seaward boundary of Zone No. 2 and bounded seaward by the seaward boundary line of the State of Louisiana as fixed and redefined by Act 33 of the Louisiana Legislature of 1954.
Code 4 - Zone No. 4 comprises all that portion of the Continental Shelf lying seaward from the seaward line of Zone No. 3.

State of Texas

Code 5 - Is to be used for that area lying seaward of and within three (3) Marine Leagues of the State of Texas shore line.

FPC Form 15
Rev (1-70)

ANNUAL REPORT
OF
GAS SUPPLY

Instructions to Schedules

Page Heading: Enter in the spaces provided at the top of each page the following information:

Company Code (4) : The Federal Power Commission four digit code for the reporting pipeline company as shown in the FPC "Purchaser Code Book."

Company Name (38) : The name of the reporting pipeline company; abbreviate if necessary.

Class (1) : The class of the reporting pipeline company as defined in the "Uniform System of Accounts for Natural Gas Companies."

Period Ending : The month (2) and the year (2) which end the report year.

Schedule No. 1

SYSTEM DELIVERABILITY SUMMARY

This schedule is a summation of data from all Schedules No. 2

Line 101:

Current Gas Supply - Reserves

Column 1, Owned (10): The total remaining recoverable salable gas reserves dedicated to the reporting company's system through leaseholds, gas rights and reserves held in fee at the end of the report period.

Column 2, Contracted (10): The total remaining recoverable salable gas reserves dedicated to the reporting company's system under gas purchase contracts with "Independent Producers" as defined in Paragraph 154.91 (a), Chapter I, Title 18 of the "Code of Federal Regulations" at the end of the report period.

Column 3, Warranty Contract (10): The total remaining recoverable salable volume of gas available under warranty type gas purchase agreements with Independent Producers or other suppliers. See "Definitions."

Column 4, Pipeline Purchases (10): The supply dedicated by gas purchase contracts with other "Natural Gas Companies" as defined by the "Natural Gas Act" as amended (52 Stat. 821) but excluding "Independent Producers" as defined in Paragraph 154.91 (a), Chapter I, Title 18 of the "Code of Federal Regulations" including gas returnable under existing exchange agreements.

Column 5, Total Pipeline System (10): The sum of "Owned," "Contracted," "Warranty Contract" and "Pipeline Purchases."

Line 102:

Purchased and/or Produced (10): Columns 1, 2, 3, 4 and 5: The total volume of salable gas purchased and/or produced during the report year from the gas supplies in each of the five categories defined under **Line 101** above.

Line 103-122: The deliverability forecast showing each year, for twenty years, the annual volumes of dedicated salable gas and future additions estimated to be deliverable from the various sources of supply to meet the total annual requirements of the pipeline system.

Year (2): Enter the last two (2) digits of each calendar year for which a deliverability projection is made starting with the year following the report year.

Owned and Contracted (8): The average annual volumes of gas scheduled each year for twenty years including Warranty Contract gas supply, **Lines 103-122**.

Pipeline Purchases (8): The average annual volumes of gas scheduled each year for twenty years, **Lines 103-122**.

FPC Form 15
Rev (1-70)

ANNUAL REPORT
OF
GAS SUPPLY

Future Additions (8): The average annual volumes of gas scheduled each year for twenty years, Lines 103-122. /When a company has historically included "Future Additions" (spot purchases) in support of deliverability projections to meet system requirements, the company will complete Column 3, Lines 103-122. A footnote must be used to define the type of gas supply characterized as Future Additions./

Total Pipeline System (10): The sum of the average annual volumes of gas scheduled each year for twenty years, Lines 103-122, Columns 1, 2 and 3.

Annual Requirements (10): The estimated total pipeline system annual gas requirement scheduled each year for twenty years including company use and unaccounted for gas, Lines 102-122, Column 5.

Line 123:

Volumes Scheduled (10): The total volumes of gas scheduled under each of the five categories, "Owned and Contracted," "Pipeline Purchases," "Future Additions," "Total Pipeline System," and "Annual Requirements."

Line 124:

Remaining Reserves (10): The difference between "Current Gas Supply, Reserves," Line 101, and "Volumes Scheduled," Line 123, under "Owned and Contracted" which includes "Warranty Contract," Column 1 and Column 3, Pipeline Purchases, Column 2, and Total Pipeline System, Column 4. These are the reserves remaining at the end of the twenty year period.

Line 125:

Enter the estimated percents of the report year purchased and/or produced volume, Line 102, Column 5, for each of the following categories:

1. Firm Gas Sales (%) Those sales made under schedules or contracts which anticipate no interruption. Rounded off to the nearest tenth.
2. Interruptible Gas Sales (%): Those sales made under schedules or contracts which provide for curtailment by the seller in order to protect service to firm customers. Rounded off to the nearest tenth.
3. Other Use Gas (%) That volume of gas classified as "Company Use and Unaccounted for Gas." Rounded off to the nearest tenth.

Reserve Life Index (Years) "Total Pipeline System," Line 101, Column 5, divided by the pipeline system average annual requirements determined from the total annual requirement volume shown on Line 123, Column 5. The "Reserve Life Index" figure will be rounded off to the nearest tenth.

Footnote: Check this box when one or more footnotes referring to this schedule are entered on the Footnote page. See "Reporting and Coding Instructions."

Schedule No. 2

DELIVERABILITY ESTIMATE FOR EACH SOURCE OF SUPPLY

Line 201:

Source of Supply Code (6): Enter the numeric code for the unit being used as the source of supply (See "Definitions" and Coding Instructions) This must be a six digit code; expand shorter codes by adding enough leading zeros to form six digits.

Source of Supply Name (30): Enter the name of the source of supply. See "Special Instructions" below for Plants, Miscellaneous, Appalachian Region and "Reporting Instructions" and"Coding Instructions" for Pipeline Purchases.

Source of Supply Class Code (1): Enter the appropriate code number as indicated on the schedule.

Offshore Area Name (16): Enter the offshore area name when applicable (See paragraph 3300.2 (b), Chapter II, Title 43, "Code of Federal Regulations"). Offshore Area names may have to be abbreviated as follows: East Addition-EA, South Addition-SA, West Addition-WA, South-S, East-E, West-W, Island-IS. Compass points and descriptive phrase must follow the names; i.e.: West Cameron Area West Addition will be entered as "Cameron W WA."

Zone # (1): Enter the offshore zone number. See Coding Instructions.

FPC Form 15
Rev (1-70)

ANNUAL REPORT
OF
GAS SUPPLY

State Code (2):	Enter the code number for the state in which the source of supply is located. When a source of supply covers parts of more than one state enter the code for the state that contains the most dedicated acreage or the largest reserve, as may be convenient.
County Code (3):	Enter the code number for the county parish in which the source of supply is located. When a source of supply covers parts of more than one county enter the code for the county which contains the most dedicated acreage or the largest reserve, as may be convenient.
FPC Production Area Code (2):	Enter the code number for the FPC production area in which the source of supply is located. See "Definitions-Source of Supply" and "Coding Instructions."
State Name (16):	Enter the name of the state which matches the numerical state code entered in this schedule.
County Name (16):	Enter the name of the county/parish which matches the numerical county code entered in this schedule.

Line 202:

Owned and Contracted (8):	The remaining recoverable salable gas reserves for the source of supply at the end of the report period.
Gas Purchased and/or Produced (8):	The volume of salable gas purchased and/or produced from the source of supply during the report period.
Total Gas Volume Scheduled (8):	The sum of the annual volumes scheduled on Lines 203-206.
Volumes Not Scheduled (8):	Owned and Contracted less Total Gas Volume Scheduled.
Productive Capacities Mcf/D; Non-Assoc. (8) and Assoc. & Sol. (8):	Enter the productive capacities as specified in the "Definitions" on Page No. 0005. These estimates should be as of the end of the calendar year. Productive capacities for pipeline purchase contracts and import contracts will be the maximum daily quantities allowable under the terms of the contract.
Maximum Daily Quantity Mcf/D:	Enter the maximum daily quantity as specified in the "Definitions."
BTU (4):	Enter the estimated average heating value in British Thermal Units. See Definitions.

Lines 203 and 204:

Volume (8):	Enter in the numbered spaces chronologically the estimated annual volumes of gas scheduled from the source of supply.
Footnote:	Check this box when one or more footnotes referring to this schedule are entered on the Footnote page. See "Reporting Instructions."
Previous Source of Supply Code (6):	Use only when recodification of a Source of Supply is required. Enter the Source of Supply Code used in the previous annual report to identify this Source of Supply.

Special Instructions

Field Area:	Reserves reported by "Field Area" are generally to be located within the Appalachian Region.
Plant:	Each plant reported in Form 15 must be treated as an individual source of supply. Plant codes with only four digits must be expanded to six by two leading zeros.
Miscellaneous:	Miscellaneous reserves are to be treated as a "Source of Supply" as defined in the "Definitions" in this report.

When one of these units is used as a "Source of Supply" on:

Line 201:

Source of Supply Code (6):	Enter the assigned code for plant and field area; enter "999999" for miscellaneous.
Source of Supply Name (38):	Enter the name of the plant or field area; for miscellaneous enter the word "Miscellaneous," other terms such as "Various" are not to be used.

Schedule No. 3

DEDICATED REMAINING RECOVERABLE SALABLE GAS RESERVES

Line 301:

Field Code (6): Enter the assigned code number for the "Field Name."

Field Name (38): Enter the name of the field for which dedicated reserves are reported on this schedule.

Offshore Area Name (16): Enter the offshore area name when applicable (See paragraph 3380.2 (b), Chapter II, Title 43, "Code of Federal Regulations." Offshore names may have to be abbreviated as follows: East Addition-EA, South Addition-SA, West Addition-WA, South-S, East-E, West-W, Island-IS. Compass points and descriptive phrases must follow the name; i.e.: Main Pass Area South Addition will be entered as "Main Pass SA."

Zone # (1): Enter the offshore zone number. See Coding Instructions.

State Code (2): Enter the code number for the state in which the field or field area is located. When a field covers parts of more than one state enter the code number for the state which contains the most dedicated acreage or the largest reserve as may be convenient.

County Code (3): Enter the code number for the county/parish in which the field or field area is located. When a field covers parts of more than one county/parish enter the code for the county/parish which contains the most dedicated acreage or the largest reserve as may be convenient.

FPC Production Area Code (2): Enter the FPC production area code. See "Coding Instructions."

State Name (11): Enter the name of the state which matches the numerical state code entered in this schedule.

County Name (16): Enter the name of the county/parish which matches the numerical county code entered in this schedule.

Lines 302-321:

Previous Field Code (6): Use only when recodification of a Field is required. Enter the Field Code used in the previous annual report to identify the Field Name.

Seq. No. (3): Reservoir sequence number. A three digit code assigned by the company to uniquely identify a reservoir in a field. Unlike other company assigned codes, a sequence number may be used in more than one field but must be unique in any single field.

Reservoir Name (38): Enter the name(s) of the reservoir(s) for which reserves are being reported.

Formation Name (25): The name used by the reporting company to designate the bed or beds in which the reservoir being reported occurs.

Map Year (2): The last year in which a map was filed in a Form 15 annual report of the reservoir gas reserve estimate.

Geo. Code (Geologic Code) (3): A three digit code provided in the "Coding Instructions" used to identify the units of geologic time in which the reservoir(s) in the field occur.

Type Code (1): Indicate the type of gas accumulation as follows: Non-Associated - N, Associated - A, Combination - C.

Depth (5): The depth to the average vertical midpoint of the hydrocarbon accumulation in the reservoir. This is the arithmetic average of the lowest and highest structural points of the hydrocarbon accumulation.

RCD Code (2): Record Code. Enter for each reservoir in a field the appropriate RCD Code to indicate the category of the reserve(s) as described below:

- **Reserves Controlled by Gas Purchase Contracts (RCD Code, GP):** Reserves dedicated to the reporting company's system through contracts with Independent Producers as defined in Paragraph 154.91 (a), Chapter I, Title 18 of the "Code of Federal Regulations."
- **Company Owned Reserves (RCD Code, CO):** Reserves dedicated to the reporting company's system through leaseholds and gas rights, and reserves held in fee. (When a reservoir has both gas purchase contracts and company owned reserves list each category separately on consecutive lines.)

Revisions (8): The volume of salable gas reserves added (+) or subtracted (-) from the reservoirs during the report year by the re valuation of the gas reserve estimate.

Additions (8): The volumes of gas reserves added during the report year by (1) new contracts (2) amendments to existing contracts (3) new fields (4) new reservoirs.

ANNUAL REPORT
OF
GAS SUPPLY

Cumulative Gas Volumes Withdrawn (8): The company's estimate of cumulative gas volumes withdrawn from the reservoir(s) and used to calculate the company's remaining recoverable reserves in column 14.

Remaining Reserves (8): The dedicated remaining recoverable salable gas reserves as of the end of the report year. This volume is the respondents best estimate using the most appropriate method.

Lines 322-324:

Field Totals (8): For each column enter the sum of the respective volumes shown on Lines 303-321.

Footnote: Check this box when one or more footnotes referring to this schedule are entered on the Footnote page. See "Reporting Instructions."

Special Instructions

Plant and Miscellaneous Reserves

When a plant or a group of miscellaneous reserves is used as a source of supply in Schedule No. 2, each field behind these reserves will be reported on an individual Schedule No. 3 following the instructions above.

Appalachian Region

These instructions apply only to companies reporting in the Appalachian Region where reserve and production data are not available on a field and reservoir basis, especially the so called "Shallow Production" areas. In such cases the information required will be reported on a FIELD AREA and POOL basis. Enter all applicable information required by the instructions for Schedule No. 3 and on:

Line 301:

Field Code (6): Enter the assigned FIELD AREA code number. Coding instructions are the same as for FIELD. If used as a source of supply in Schedule No. 2 the same field area code MUST be entered as the Source of Supply Code.

Field Name (38): Enter the name of the FIELD AREA for which dedicated reserves are reported on this schedule.

Lines 302-321:

Enter all applicable information requested in instructions outlined for Schedule No. 3 but enter the name(s) of the POOL(S). These instructions apply to a POOL instead of a reservoir.

Lines 322-324:

Field Totals (8): For each column enter the sum of the volumes shown on Lines 302-21.

FPC Form 15-A
(2-67)

Federal Power Commission
AI.NU L REPORT - TOTAL GAS SUPPLY
All Volumes in Millions of Cubic Feet (MMcf) at 14.73 psia and 60° F

(See instructions on reverse side)

Form Approved
Budget Bureau No. 54-R094

Company Name and Address

Signature of Officer responsible for the veracity of the data hereon

Schedule 1

Line No.

01 This company is a Class ______ natural gas company as defined in the "Uniform System of Accounts."

12 ⌴⌴ Mo. Yr. Period Ending

⌴⌴ Company Code

Line No. 01

Schedule 2

GAS SUPPLY SUMMARY

All volumes in millions of cubic feet (MMcf) at 14.73 psia and 60° F.

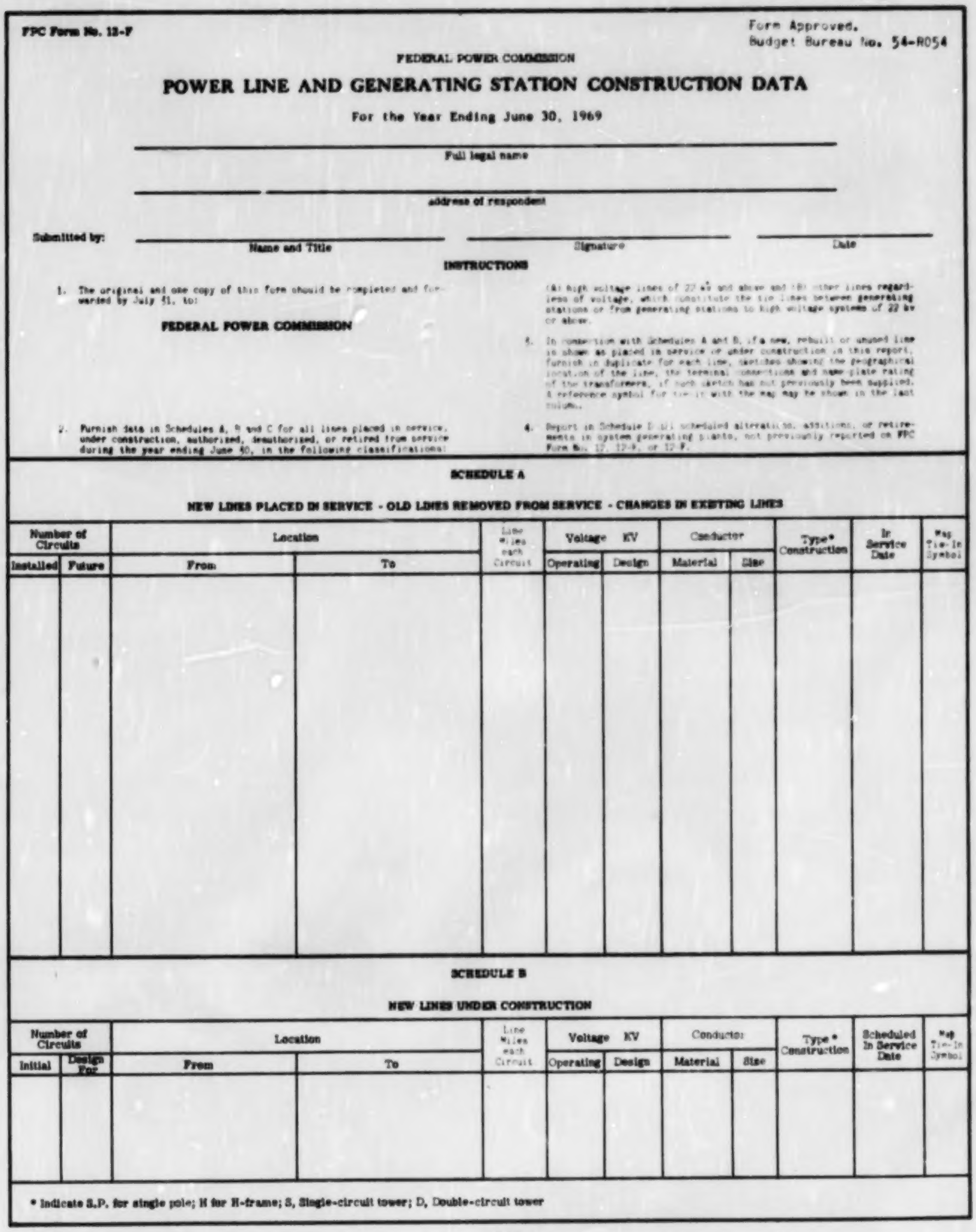
Col. No.		01	02	03	04	05	06	07	08	09	10	Col. No.
		PREVIOUS YEAR			CURRENT (REPORT) YEAR							
		Remaining Gas Supply End of Year	+ or −	Production Adjustment	+ or −	Revision	Additions	Net Change (Col. 05 + Col. 06)	Gross Gas Supply (Col. 01 + Col. 07)	Purchased and/or Produced	Remaining Gas Supply End of Year (Col. 08 − Col. 09)	
02	Non-Associated											02
03	Associated and Solution											03
04	Total Lines 02 and 03											04
	OWNED AND CONTRACTED											
05	Company owned											05
06	Independent Producer Contracts											06
07	Total Lines 05 and 06											07
	OTHER GAS SUPPLIES											
08	Pipeline Purchase Contracts											08
09	Import Contracts											09
10	Total of lines 08 and 09											10
11	Total System Gas Supply (Line 07 plus Line 10)											11
12	Reserves Pending Certification End of Current (Report) Year.											12

Schedule 3

Line No.	OTHER GAS SUPPLIES Name of Vending Companies	Column No. 08 Company Code	09 Purchased Current Year	Column No. 10 Remaining Gas Supply	Line No.
13					13
14					14
15					15
16					16
17					17
18					18
19					19
20					20
21		TOTAL			21

22 Enter the number of future years that the company's annual requirements can be met from the total system gas supply figure shown on Line 11 in Column 10 .... ______ 22

Page 0001



FPC Form No. 12-F

Form Approved.
Budget Bureau No. 54-R054

FEDERAL POWER COMMISSION

POWER LINE AND GENERATING STATION CONSTRUCTION DATA

For the Year Ending June 30, 1969

Full legal name

address of respondent

Submitted by: Name and Title / Signature / Date

INSTRUCTIONS

1. The original and one copy of this form should be completed and forwarded by July 31, to:

FEDERAL POWER COMMISSION

2. Furnish data in Schedules A, B and C for all lines placed in service, under construction, authorized, deauthorized, or retired from service during the year ending June 30, in the following classifications: (A) high voltage lines of 22 kv and above and (B) other lines regardless of voltage, which constitute the tie lines between generating stations or from generating stations to high voltage systems of 22 kv or above.

3. In connection with Schedules A and B, if a new, rebuilt or unused line is shown as placed in service or under construction in this report, furnish in duplicate for each line, sketches showing the geographical location of the line, the terminal connections and name-plate rating of the transformers, if such sketch has not previously been supplied. A reference symbol for tie-in with the map may be shown in the last column.

4. Report in Schedule D all scheduled alterations, additions, or retirements in system generating plants, not previously reported on FPC Form No. 12, 12-D, or 12-F.

SCHEDULE A

NEW LINES PLACED IN SERVICE - OLD LINES REMOVED FROM SERVICE - CHANGES IN EXISTING LINES

Number of Circuits		Location		Line Miles each Circuit	Voltage KV		Conductor		Type* Construction	In Service Date	Map Tie-In Symbol
Installed	Future	From	To		Operating	Design	Material	Size			

SCHEDULE B

NEW LINES UNDER CONSTRUCTION

Number of Circuits		Location		Line Miles each Circuit	Voltage KV		Conductor		Type* Construction	Scheduled In Service Date	Map Tie-In Symbol
Initial	Design For	From	To		Operating	Design	Material	Size			

* Indicate S.P. for single pole; H for H-frame; S, Single-circuit tower; D, Double-circuit tower

SCHEDULE B *Continued*

NEW LINES UNDER CONSTRUCTION

Number of Circuits		Location		Line Miles each Circuit	Voltage KV		Conductor		Type* Construction	Scheduled In Service Date	Map Tie-In Symbol
Initial	Design For	From	To		Operating	Design	Material	Size			

SCHEDULE C

NEW LINES AUTHORIZED BUT NOT UNDER CONSTRUCTION

Number of Circuits		Location		Line Miles each Circuit	Voltage KV		Conductor		Type* Construction	Scheduled In Service Date	
Initial	Design For	From	To		Operating	Design	Material	Size			

* Indicate S.P. for single pole; H for H-frame; S, Single-circuit tower; D, Double-circuit tower.

SCHEDULE D

SCHEDULED CHANGES IN SYSTEM GENERATING PLANTS

Description of Change (Include Plant Name and Location)	Unit No.	Type of Unit						Name-Plate Rating KW	Scheduled In Service Date
		Hydro	Pumped Storage	Steam	Nuclear	Internal Combustion	Gas-Turbine		

REMARKS:

F. P. C. Form No. 12

POWER SYSTEM STATEMENT

FOR THE YEAR ENDED DECEMBER 31, 1969

MADE BY

(Full legal name of respondent)

(Address)

COVERING

(Common designation of system)

TO THE

FEDERAL POWER COMMISSION

The following is an excerpt from the Commission's regulations prescribing the filing of Power System Statements for Electric Utilities, Licensees, and Others.

Part 141—Statements and Reports (Schedules)

• • • • •

§ 141.51 Form No. 12, Power system statements for Class I and II systems and for Class IV and V systems where requested.

(a) The revised FPC Form No. 12 Power System Statement (Class I, II, IV and V Systems), including the revised instructions and schedules therein contained, be and the same hereby is approved and adopted.

(b) Each corporation, person, agency, authority or other legal entity or instrumentality, whether public or private, which operates facilities for the generation or transmission, or distribution of electric energy, and which is in the classification of Class I or Class II Systems or is in the classification of Class IV or V Systems, where Form No. 12 is requested (as such classes are defined in the accompanying revised FPC Form No. 12), shall hereafter annually prepare and file with the Commission on or before the 1st of May of 1956, and each year thereafter, such statement or statements, and in such form as is required by said instructions and schedules, setting forth the answers to the questions therein stated, and furnishing the information therein called for, for the preceding calendar year.

• • • • •

The revised form was prescribed by the Commission by Order No. 183, issued January 14, 1956 (15 FPC 790) and amended by Order No. 224, issued Sept. 15, 1960 (24 FPC 460) and Order No. 312, issued December 20, 1965. Statutory authority for the Commission's action is granted by the Federal Power Act, as amended (49 Stat. 838; 16 U.S.C. 791a–825r) and particularly Sections 4(a), 301(a), 302(b), 303, 304, 309 and 311 (49 Stat. 839, 854, 855, 858, 859; 16 U.S.C. 797(a), 825(a), 825a(b), 825b, 825c, 825h, 825j).

DEFINITIONS

1. "Person," as hereinafter used, means a corporation or person, as defined in section 3 of the Federal Power Act, agency, authority, or other legal entity or instrumentality, whether public or private, including a municipality as defined in said section 3.

2. "System," as hereinafter used, means all physically connected electric generating and/or transmission and/or distribution facilities operated as a unit under one control, management, or operating supervision by one or more persons.

3. "Respondent," as hereinafter used, means the person or persons upon whose behalf a power system statement is filed.

4. The "net energy for system" (entered on line 7 of schedule 9) is the sum of system net generation and energy received from others less the energy delivered to others for resale.

5. The "capability" of a generating plant is defined as its load-carrying ability at the specified power factor and indicated time interval independent of the other characteristics of the load.

In general, a plant's capability is determined by design characteristics; physical condition; adequacy of the prime mover; prime mover steam supply; operational limitations, such as cooling and circulating water supply and temperature, ambient temperature; and head and tailwater elevations.

6. The "dependable capacity" of a generating plant or groups of plants is defined as the load-carrying ability for the time interval and period specified when related to the characteristics of the load to be supplied.

In general, a plant's dependable capacity is influenced not only by factors affecting its capability, but by such factors as the duration of the system peak, position on the load curve where the plant is to be operated, and the plant's operating power factor.

7. "Demand interval" is the period of time over which the demand is measured. Each system shall report load data on the basis of integrated demands for 60-minute clock-hour intervals. Where demand data are not available on this basis, it is desired that adjustments be made to approximate the integrated demand for 60-minute-clock-hour intervals and explained in footnotes. Where such adjustment cannot be made, demand data should be furnished in the form available and explained in footnotes.

8. The terms "hydro" and "hydroelectric" for purposes of this statement refer to conventional hydroelectric plants.

GENERAL INSTRUCTIONS

Statements concerning the operation of electric power systems as required by the Commission's order, shown on page 1, should be prepared and filed in conformity with the following requirements, unless otherwise directed by the Regional Office of the Federal Power Commission:

1. Where a person operates a system and only one system, one statement should be filed for that system.

2. Where a person operates more than one system, separate statements should be filed for each system so operated.

3. Where more than one person operates a system, either a consolidated statement should be filed upon behalf of all, or separate statements should be filed by each, as directed by the Regional Office of the Federal Power Commission.

4. Where several systems, filing separate reports, are operated under some form of power pool operation or common dispatching, a supplementary power system statement on F. P. C. Form No. 12 covering the pool operations should also be filed, including a brief statement describing the method of operation under the power pool arrangement.

5. Scope of the statement:

Basis of Classification	Class of System	Scope of Statement
Systems which generate all or part of system requirements and, whose net energy for system for the year covered by this statement was—		
More than 100,000,000 kilowatt-hours	I	Form No. 12 complete.
20,000,000 to 100,000,000 kilowatt-hours	II	Form No. 12 complete, excepting schedule 15.
5,000,000 to 20,000,000 kilowatt-hours	III	Form No. 12-A.
Less than 5 000 000 kilowatt-hours	III	Form No. 12-D.
Systems engaged primarily in sales for resale and/or sales to industrials, all other sales being negligible	IV	Form No. 12-A unless Form No. 12 or No. 12-D is requested.
Systems which obtain entire energy requirements from other systems	V	

6. Six signed copies of the completed statement, including the original if the report is typewritten, shall be returned to the Regional Office of the Federal Power Commission at the address shown on the front of the cover supplied by the Commission.

7. All communications concerning this statement and all requests for extra copies of individual pages should be addressed to the Regional Office of the Commission. Additional covers or copies of the complete form may be obtained from the Federal Power Commission, Washington, D. C., at 15 cents and 75 cents per copy, respectively.

8. Entries on this form may be made by typewriter, with pen and ink, or by any suitable method to facilitate reproduction, provided the entries are legible and in proper alignment.

9. Before the statement is prepared in final form for return to the Commission, all figures on the working copy should be checked for mathematical accuracy and for consistency, where the same figures appear in more than one schedule in this or in other statements or reports submitted to the Federal Power Commission. Any apparent inconsistency should be explained.

10. No deviation from these instructions should be undertaken without the approval of the Regional Office of the Federal Power Commission.

11. Insert the word "none" where it is a true and complete answer to any particular inquiry. Insert the words "not applicable" in those schedules or parts of schedules which do not apply to the respondent's system.

12. Where exact data are not available, report estimated data and designate such entries by the abbreviation "Est."

13. All information shall be furnished for the calendar year.

14. All information is to be furnished for the system as it existed at the end of the year. In case part of the system was acquired by the respondent during the calendar year, the respondent should report this part for the entire year, obtaining the necessary information from the records of the previous owners. In case part of the system was disposed of during the calendar year and the respondent was not operating that part at the end of the year, the respondent should not report on this part at all.

POWER SYSTEM STATEMENT FOR THE CALENDAR YEAR 1969

General Information

1. Statement covering facilities for generation and/or transmission and/or distribution of electric energy of the ....

.... (Full legal name of respondent) .... (Common designation of system)

2. Located in the State(s) of ....

3. Prepared and filed by .... (Full legal name of company or agency)

.... (Full address)

4. Name, title, address, and telephone number of official to whom correspondence concerning this statement should be addressed

.... (Name) .... (Title) .... (Address) .... (Tel. No.)

5. Name and address of top holding company ....

....

6. (Check where applicable)

☐ A. Respondent operates only one system.

☐ B. Respondent operates the other systems listed below. (Indicate by an asterisk those systems for which power system statements are not being filed for the year of this report).

Designation of System	Location	
		1
		2
		3
		4
		5
		6
		7
		8

☐ C. This is a consolidated statement filed in accordance with general instruction 3 on behalf of the following companies. (If all of a company's systems are not included, state what systems are excluded and their location.)

Legal Name and Address	Systems Not Included	
		1
		2
		3
		4
		5
		6
		7
		8

7. Respondent is a party to the supplementary power system statement designated as ....
.... filed in accordance with general instruction 4.

8. List all subsidiaries of system companies other than those listed in item 6-C above, and state the nature of their business.

Legal Name and Address	Nature of Business	
		1
		2
		3
		4
		5
		6
		7
		8

Schedule 1

CAPACITY AND OUTPUT OF SYSTEM GENERATING PLANTS

INSTRUCTIONS

1. Plants should be grouped according to type and subtotals should be shown for each type in columns 4 through 11. If any plant is equipped with combinations of hydro, pumped storage, steam, internal-combustion engine, and gas-turbine units, each kind should be listed as though it were a separate plant. Nuclear plants should be included in the steam group, but it should be indicated in column 1 or in footnote that they are nuclear plants.

2. If the facilities of more than one company are included in this statement, give the name of the company operating each of the listed plants at the end of the year, in column 1. These entries may be made in the form of symbols referenced to the list of companies in item 6-C, page 3. If a plant is leased, also give name of the lessor.

3. Designate with an asterisk those plants which were constructed, purchased, or leased and placed in operation during the year; also, plants in which major alterations were made during the year such as the installation or removal of generating or boiler units or other significant changes. The dates on which new plants were placed in operation or the dates on which significant changes were completed should be given in column 1 or in footnotes.

4. Plants now undergoing alterations should be noted with a double asterisk.

5. At the bottom of the page in column 1, list all plants which were dismantled or removed from service during the year and give the dates such changes were made. Omit the capacity of such plants in columns 4 and 5, but give the data called for in other columns where applicable.

6. In column 1 give the name of each system plant; and in column 2 the name of the community (or nearest community) and State in which each plant is located.

7. A power factor of 0.8 should be used to determine the kilowatt capacity of those units which are rated in kilovolt-amperes only.

8. Figures in column 4 should be based upon the rating at maximum pressure shown on nameplate for units with hydrogen cooling.

9. In column 5 give the installed capacity of auxiliary or "house" generating units.

10. In column 6, show the kilowatt-hour output of all main generating units and all auxiliary generating units in each plant.

(Instructions continued on next page)

	Name of Plant and of Company Operating Plant (Group plants according to type and show subtotals for each) (1)	Location of Plant (Nearest community and State) (2)	Type of Plant (Hydro, pumped storage, steam, i.c. engine, gas turbine) (3)	Installed generating capacity in kw at end of year—manufacturer's maximum nameplate rating of generator	
				Total of main generating units (4)	Total of auxiliary or house units (5)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
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21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36	System Totals..................	xxxxxxxxxxxxxxxx	xxxxx		

Schedule 1—Continued

CAPACITY AND OUTPUT OF SYSTEM GENERATING PLANTS

INSTRUCTIONS—Continued

11. In column 7, show the total amount of energy consumed during the year, for plant light and power and for plant auxiliaries. Energy for synchronous condenser operation in the plant may also be included in column 7 as plant use if it is so treated in respondent's records; otherwise include in Item E of Schedule 9. For pumped storage plants, report under column 7, item (a) normal auxiliary use and under item (b) energy used for pumping. Pumping energy is that energy measured as input to the plant for pumping purposes.

12. In column 8, net generation should be the difference between gross generation, column 6, and plant use, and energy used for pumping, column 7. Where net generation entries are minus quantities, they should be so noted.

13. In column 9, give the total installed capacity of generating units which were carrying load or operating as spinning reserve, in each plant, at the time of system peak load of the year as shown in column 10, Schedule 14.

14. In column 10, give the net plant capability of each generating plant at the time of the system peak load of the year as shown in column 10, Schedule 14, whether or not it was carrying load or was maintained as reserve at that time. Include the capacity of equipment which was out of service for maintenance or repair at that time, and exclude the capacity of equipment not maintained in condition to operate for regular or emergency service. Net plant capability, as reported in column 10, should be the maximum load-carrying capacity normally available at time of system peak (station use deducted) for a period of one hour. For definition of plant capability see definition No. 5, page 2.

15. In column 10, designate whether a plant was used for base load, peaking, or standby service (at the time of the system peak) by inserting after each figure for capability "b," "p," or "s," or any appropriate combinations thereof.

16. In column 11, give the integrated kilowatt demand (net) on each generating plant for the interval during which the system peak load of the year occurred, consistent with the time interval used by the respondent in reporting on Schedules 13 and 14. See definition No. 7, page 2.

17. Estimates (noted "Est.") for columns 6, 7, 8, and 11 should be furnished if measured quantities are not available.

Kilowatt-hours During the Year			Kilowatts (At the time of the system peak load of the year shown in col. 10, Schedule 14) Date....... Time....... Demand interval.......			
Gross generation (6)	Plant use (7)	Net generation (col. 6 minus col. 7) (8)	Installed capacity connected to load (9)	Net plant capability (10)	Net demand on plant (11)	
						1
						2
						3
						4
						5
						6
						7
						8
						9
						10
						11
						12
						13
						14
						15
						16
						17
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						34
						35
						36

SAMPLE—This sample is presented to avoid a lengthy explanation of the manner of preparation of Schedule 2

Schedule 2

SYSTEM HYDROELECTRIC DATA

A. AGGREGATE DEPENDABLE HYDROELECTRIC CAPACITY AND POTENTIAL ENERGY.

This schedule need not be completed if there have been no changes affecting the data previously reported. In such case the following notation should be made at the bottom of the page: "Data reported on FPC Form 12 for the year 19..., correct as of December 31 of the year herein reported." *Furnish data indicated below in accordance with the instructions in paragraphs 1–5, page 7.*

ADVERSE FLOW CONDITIONS*

Month	PLANNED USE OF STREAM FLOW AND STORAGE Energy (1,000 Kilowatt -hours)					MACHINE CAPABILITY (Megawatts)³		Dependable Capacity (Megawatts)³
	Storage Plants		Run-of-River Plants	Total Available (Col. 2 plus col. 3 plus col. 4)	In Storage End of Month²	Run-of-River Plants	Storage Plants	
	Natural flow	Storage¹						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Dec.	x x x x x x	x x x x x x	x x x x x x	x x x x x x	2,800	x x x x x x	x x x x x x	x x x x x x
Jan.	33,300	(2,000)	12,500	43,700	4,800	40.0	126.3	148.0
Feb.	32,000	(3,100)	11,900	40,800	7,900	40.0	127.5	149.5
Mar.	48,900	(14,200)	18,900	53,600	22,100	40.0	133.0	165.0
April	52,700	(17,700)	21,700	56,700	39,800	39.5	138.0	175.0
May	47,100	(11,700)	18,400	53,800	51,500	40.0	140.0	171.0
June	39,700	(3,500)	15,400	51,600	55,000	40.0	140.0	166.0
July	22,800	0	8,400	31,200	55,000	40.0	140.0	149.0
Aug.	11,000	11,600	4,200	26,800	43,400	40.0	139.0	142.0
Sept.	13,300	9,800	4,800	27,900	33,600	40.0	136.6	143.5
Oct.	14,300	15,600	5,600	35,500	18,000	40.0	131.5	141.0
Nov.	19,900	11,100	7,700	38,700	6,900	40.0	127.2	141.0
Dec.	27,900	5,400	10,500	43,800	1,500	40.0	125.0	143.0
Year	362,700	1,300	139,900	503,900	x x x x x x	x x x x x x	x x x x x x	x x x x x x

AVERAGE OR MEDIAN FLOW CONDITIONS*

Month	PLANNED USE OF STREAM FLOW AND STORAGE Energy (1,000 Kilowatt -hours)					MACHINE CAPABILITY (Megawatts)³		Dependable Capacity (Megawatts)³
	Storage Plants		Run-of-River Plants	Total Available (Col. 2 plus col. 3 plus col. 4)	In Storage End of Month²	Run-of-River Plants	Storage Plants	
	Natural flow	Storage¹						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Dec.	x x x x x x	x x x x x x	x x x x x x	x x x x x x	1,500	x x x x x x	x x x x x x	x x x x x x
Jan.	47,300	(7,100)	19,400	59,600	8,600	40.0	128.0	161.0
Feb.	43,400	(6,800)	18,300	54,900	15,400	40.0	130.5	164.5
Mar.	58,200	(13,600)	24,600	69,200	29,000	36.5	135.5	172.0
April	62,700	(17,400)	25,500	70,800	46,400	36.0	139.7	175.7
May	58,200	(6,300)	24,000	75,900	52,700	37.0	140.0	177.0
June	51,600	(2,300)	21,600	70,900	55,000	39.5	140.0	177.5
July	42,900	0	18,200	61,100	55,000	40.0	140.0	171.0
Aug.	36,300	2,300	14,800	53,400	52,700	40.0	140.0	165.0
Sept.	33,500	6,600	13,700	53,800	46,100	40.0	139.5	163.5
Oct.	35,200	15,200	14,700	65,100	30,900	40.0	136.0	161.5
Nov.	39,000	13,100	15,900	68,000	17,800	40.0	132.0	155.0
Dec.	41,200	15,000	17,100	73,300	2,800	40.0	125.5	150.5
Year	549,500	(1,300)	227,700	775,900	x x x x x x	x x x x x x	x x x x x x	x x x x x x

[1] When energy is drawn from storage, show as a positive quantity. When energy is stored, show as a negative quantity in parentheses.
[2] Change in storage based on entry in column 3.
[3] One Megawatt equals 1,000 kilowatts.

*NOTE.—The method or basis used in determining the above data for adverse flow and average or median flow conditions should be explained in accordance with instructions 2 and 3 of this schedule.

SAMPLE EXPLANATION

Notes:

Data reported under "Adverse Flow Conditions" are based on stream flows in the calendar year (19.....), which is the most adverse year of record. The critical flow period normally occurs during the last 6 months of the calendar year.

Data reported under "Average or Median Flow Conditions" are based upon the average of monthly stream flows during the period of record (19.....-19.....).

Schedule 2

SYSTEM HYDROELECTRIC DATA

A. AGGREGATE DEPENDABLE HYDROELECTRIC CAPACITY AND POTENTIAL ENERGY

This schedule need not be completed if there have been no changes affecting the data previously reported. In such case the following notation should be made at the bottom of the page: "Data reported on FPC Form 12 for the year 19..., correct as of December 31 of the year herein reported." *Furnish data indicated below in accordance with the instructions in paragraphs 1–3, page 7*

ADVERSE FLOW CONDITIONS*

Month	PLANNED USE OF STREAM FLOW AND STORAGE Energy (1,000 Kilowatt-hours)					MACHINE CAPABILITY (Megawatts)[3]		Dependable Capacity (Megawatts)[3]
	Storage Plants		Run-of-River Plants	Total Available (Col. 2 plus col. 3 plus col. 4)	In Storage End of Month[2]	Run-of-River Plants	Storage Plants	
	Natural Flow	Storage[1]						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Dec.	x x x x	x x x x	x x x x	x x x x		x x x x	x x x x	x x x x
Jan.								
Feb.								
Mar.								
April								
May								
June								
July								
Aug.								
Sept.								
Oct.								
Nov.								
Dec.								
Year					x x x x	x x x x	x x x x	x x x x

AVERAGE OR MEDIAN FLOW CONDITIONS*

Month	PLANNED USE OF STREAM FLOW AND STORAGE Energy (1,000 Kilowatt-hours)					MACHINE CAPABILITY (Megawatts)[3]		Dependable Capacity (Megawatts)[3]
	Storage Plants		Run-of-River Plants	Total Available (Col. 2 plus col. 3 plus col. 4)	In Storage End of Month[2]	Run-of-River Plants	Storage Plants	
	Natural Flow	Storage[1]						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Dec.	x x x x	x x x x	x x x x	x x x x		x x x x	x x x x	x x x x
Jan.								
Feb.								
Mar.								
April								
May								
June								
July								
Aug.								
Sept.								
Oct.								
Nov.								
Dec.								
Year					x x x x	x x x x	x x x x	x x x x

[1] When energy is drawn from storage, show as a positive quantity. When energy is stored, show as a negative quantity in parentheses.
[2] Change in storage based on entry in column 3.
[3] One megawatt equals 1,000 kilowatts.

*NOTE.—The method or basis used in determining the above data for adverse flow and average or median flow conditions should be explained in accordance with instructions 2 and 3 of this schedule.

Notes:

Schedule 2—Continued

SYSTEM HYDROELECTRIC DATA—Continued

1. The data to be reported in Part A of Schedule 2 are intended to present a realistic picture of the potential energy and capacity of system hydroelectric plants under the specified flow conditions. The data to be reported should be based upon an assumed schedule of system operation that would permit serving the maximum possible annual system load with existing facilities and arrangements for purchase or sale of firm power, assuming a continuance of the relative seasonal and hourly variations of load that occurred during the year of this report. Contracts for purchase or interchange of off-peak energy also may be taken into account. In determining the magnitude of the seasonal load that could be carried by the system and the necessary scheduling of system operations, provisions for necessary maintenance scheduling and reserve capacity to be supplied by own system should be taken into account. Explanatory notes relating to Schedule 15 should be referred to in connection with this schedule. If the seasonal and hourly variations in load are expected to change materially, the information given may be based on the expected load shape, explaining in a footnote.

2. The information to be reported under adverse flow conditions should, in general, be based on stream flows equivalent to the year giving the most adverse flow conditions of record during the critical period of system operation. Where stream-flow records indicate that the most adverse flows are not likely to occur except at long intervals of time and are likely to be of a very short duration, the figures used in determining the capacity and energy available from hydro plants may be modified, treating such abnormal limitations as emergency conditions to be covered by the reserve capacity; such modifications, however, should be fully explained. Any system which maintains comparable data based on flows during a year which would give the minimum potential annual output, or based on minimum flow or output for each month, may report on whichever basis it believes will present the most realistic condition for its system. The basis of reporting should be fully explained in the space provided for notes with addenda sheets if needed.

3. Information to be reported under average or median flow conditions may be made on the assumption of the recurrence of flows equivalent to a year which would give the average annual potential output or may be based on median flow or output for each month, or average flow or output for each month, whichever it is believed will present the most realistic condition for its system. The basis of reporting should be fully explained in footnotes or addenda sheets.

4. "Run-of-river" refers to those plants whose operation cannot be regulated over a period of more than a few hours, either from storage at site or above, but whose operation is, in general, controlled by the volume of flow which must be utilized as it occurs or be wasted.

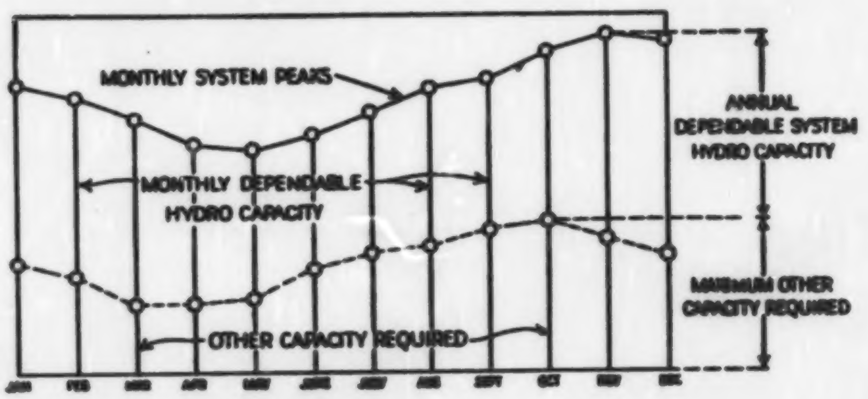
"Storage" refers to those plants whose operations can be varied as desired because of storage at site or above. This regulation may be weekly, monthly, or seasonal.

"Total available energy" refers to the maximum potential output of the existing hydro-generating facilities on the basis of the regulated stream flow, regardless of whether such output can be fully utilized in serving system load or by transfer to other systems. The monthly distribution of storage energy should be such as to permit the serving of the maximum annual peak load under the conditions outlined in instruction 1. However, where required releases for irrigation, navigation, flood control, and other water-use are controlling, the monthly distribution of available energy should reflect the effect of such requirements and full explanation should be given in footnotes.

"Capability" in any month is the machine capability under the most adverse conditions to be expected in that month under the assumed flow conditions without respect to the energy available or the characteristics of the load to be served other than the power factor conditions normally to be expected.

"Dependable capacity" in any month is that capacity that can be relied upon for serving system load and firm power commitments on the basis of the energy available in that month and its use as limited by the characteristics of the load to be served.

5. Dependable hydroelectric capacity as used in this power system statement is intended to be the capacity value of the system hydroelectric plants in serving, together with the other available system capacity, the maximum annual system peak load under the conditions given in instruction 1. For any specified period it represents, on the basis of complete utilization of available storage energy over the critical flow periods, the difference between the peak load for that period and the maximum other capacity required. Where a portion of storage energy is scheduled to be held as a reserve for emergency use only, the dependable capacity should also include the reserve capacity value of such energy reserve. The dependable hydroelectric capacity shown in column [illegible] under adverse flow conditions for the month of annual peak demand may not necessarily be the same as the annual dependable hydroelectric capacity to be reported in schedule 15, as the annual peak demand may not occur in the month requiring the maximum capacity from other than system hydroelectric plants. This is illustrated by the following graph:



SYSTEM HYDROELECTRIC DATA—Continued

INSTRUCTIONS FOR PARTS B AND C

1. All the data requested on this page should be furnished for reservoirs and plants which were:
   - (a) Constructed, purchased, or leased, and placed in operation by the respondent during the year, or,
   - (b) Operated by the respondent prior to the year covered by this statement but not reported to this Commission in the form prescribed below.

2. Revised data for the appropriate items should be furnished if changes have been made in the installed capacity or design of hydro plants, in available storage, or in "operating rule curves" during the year or the data have not been reported in the prescribed form.

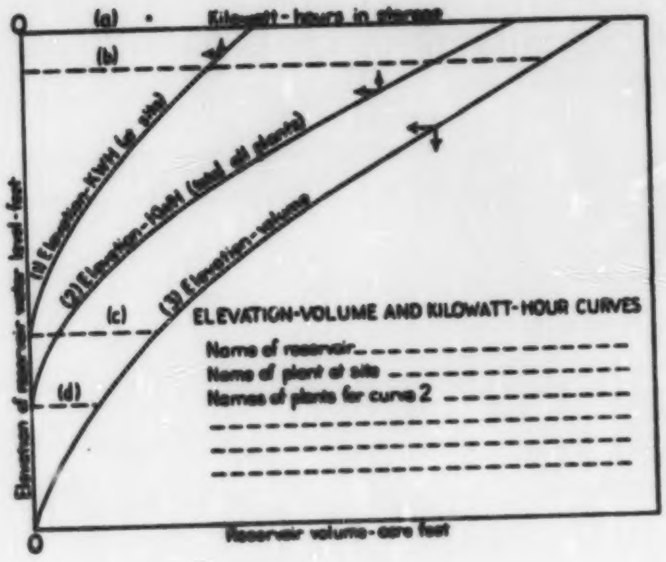
3. *For those reservoirs and plants in which no physical change or revision in operating practice has occurred affecting the data previously reported, list on an addenda sheet each reservoir and plant name and the year in which the information was furnished together with the notation "correct as of December 31 of the year herein reported."*

B. Storage Reservoirs.

1. Furnish "Elevation—Volume" and "Elevation-Kilowatt-hour" curves for each storage reservoir on the system that can provide monthly or seasonal storage. A form for showing these data is illustrated in the accompanying sketch.

2. In addition to the foregoing curves, show (a) the maximum water level without spill (to be furnished for operation without and with flash boards if used), and (b) the maximum water level at which the reservoir is normally carried; (c) the minimum water level of the reservoir for plant operation at the site, and, (d) the minimum water level to which water can be drawn for use at other plants; and (e) capacity-head curves for plants having large variations in head. Elevations should be referred to U. S. G. S. datum (or to the same datum as used in plant layout sketches—see item C (1) below).

3. Furnish "Operating Rule Curves" for each of the foregoing reservoirs, in the form in which they are available, and state period for which curves are applicable.



C. Hydroelectric Power Plants, including Pumped Storage.

1. For each hydroelectric plant of 10,000-kilowatt installed capacity or greater furnish:
   - (a) A panoramic sketch of the project, and a profile sketch of the plant layout showing elevations referred to U. S. G. S. datum, if such datum is available. Show for the dam its material and type, maximum height, total length, thickness at base, and length of spillway section. Furnish curves showing headwater and tailwater elevations, in feet, plotted against total discharge, including plant use, in cubic feet per second.
   - (b) A photograph of the plant if available.

2. If available, furnish for all hydroelectric plants of 10,000-kilowatt installed capacity or greater, curves showing the relation between over-all water use in cubic feet per second and gross plant load in kilowatts, from minimum to full load at a constant gross head which approximates the average head. The gross head should be stated.

Power System Statement of..for the Year Ended December 31, 1969

Schedule 3

PLANT DATA—SMALL PLANTS

For 1965 and every fifth year thereafter (1970, 1975, 1980, etc.) this schedule should be completed for each conventional hydroelectric or pumped storage plant under 10,000 kilowatts, each steam-electric plant under 25,000 kilowatts, and each internal-combustion engine and gas turbine plant under 5,000 kilowatts, installed capacity. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (1966–7–8–9, 1971–2–3–4, etc.) this schedule should be completed for each such plant as referred to in the preceding paragraph which was

(a) Constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Altered during the year—*i.e.*, generators or other equipment installed, remodeled, removed from service or otherwise changed; or
(c) Not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data last reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form 12, 19..., is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

Plant name.......................... Type[1]...................... State...................... County...................... Post office...................... 1

For each unit or group of identical units show the following:	Total	Unit No..........	Unit No..........	Unit No..........	Unit No..........	
Maximum name-plate rating in kilovolt-amperes						2
Maximum name-plate rating of generator in kilowatts						3
Name-plate rating—power factor	▨					4
Operating speed—revolutions per minute	▨					5
Generator voltage	▨					6
Generator phase and frequency or d. c.	▨					7
Year installed[2]	▨					8
Planned ultimate generating capacity—kilowatts		▨	▨	▨	▨	9
If a fuel-burning plant show: Kind of fuel	▨					10
Full load fuel consumption in Btu per Kilowatt-hour						11
If a hydroelectric plant show: River on which located		▨	▨	▨	▨	12
Drainage area—square miles		▨	▨	▨	▨	13
Usable pondage or storage at site—acre-feet		▨	▨	▨	▨	14
Design head of waterwheels—feet	▨					15

Plant name.......................... Type[1]...................... State...................... County...................... Post office...................... 16

For each unit or group of identical units show the following:	Total	Unit No..........	Unit No..........	Unit No..........	Unit No..........	
Maximum name-plate rating in kilovolt-amperes						17
Maximum name-plate rating of generator in kilowatts						18
Name-plate rating—power factor	▨					19
Operating speed—revolutions per minute	▨					20
Generator voltage	▨					21
Generator phase and frequency or d. c.	▨					22
Year installed[2]	▨					23
Planned ultimate generating capacity—kilowatts		▨	▨	▨	▨	24
If a fuel-burning plant show: Kind of fuel	▨					25
Full load fuel consumption in Btu per Kilowatt-hour						26
If a hydroelectric plant show: River on which located		▨	▨	▨	▨	27
Drainage area—square miles		▨	▨	▨	▨	28
Usable pondage or storage at site—acre-feet		▨	▨	▨	▨	29
Design head of waterwheels—feet	▨					30

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[1] Hydro, pumped storage, steam, internal combustion engine, gas turbine, or nuclear.

[2] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Schedule 3

PLANT DATA—SMALL PLANTS—Continued

Plant name.................. Type[1].................. State.................. County.................. Post office..................						1
For each unit or group of identical units show the following:	Total	Unit No.........	Unit No.........	Unit No.........	Unit No.........	
Maximum name-plate rating in kilovolt-amperes..................						2
Maximum name-plate rating of generator in kilowatts........						3
Name-plate rating—power factor..................	■■■■					4
Operating speed—revolutions per minute..................	■■■■					5
Generator voltage..................	■■■■					6
Generator phase and frequency or d. c..................	■■■■					7
Year installed[2]..................	■■■■					8
Planned ultimate generating capacity—kilowatts..................		■■■■	■■■■	■■■■	■■■■	9
If a fuel-burning plant show: Kind of fuel..................	■■■■					10
Full load fuel consumption in Btu per Kilowatt-hour ...						11
If a hydroelectric plant show: River on which located........		■■■■	■■■■	■■■■	■■■■	12
Drainage area—square miles..................		■■■■	■■■■	■■■■	■■■■	13
Usable pondage or storage at site—acre-feet..................		■■■■	■■■■	■■■■	■■■■	14
Design head of waterwheels—feet..................	■■■■					15
Plant name.................. Type[1].................. State.................. County.................. Post office..................						16
For each unit or group of identical units show the following:	Total	Unit No.........	Unit No.........	Unit No.........	Unit No.........	
Maximum name-plate rating in kilovolt-amperes..................						17
Maximum name-plate rating of generator in kilowatts........						18
Name-plate rating—power factor..................	■■■■					19
Operating speed—revolutions per minute..................	■■■■					20
Generator voltage..................	■■■■					21
Generator phase and frequency or d. c..................	■■■■					22
Year installed[2]..................	■■■■					23
Planned ultimate generating capacity—kilowatts..................		■■■■	■■■■	■■■■	■■■■	24
If a fuel-burning plant show: Kind of fuel..................	■■■■					25
Full load fuel consumption in Btu per Kilowatt-hour ...						26
If a hydroelectric plant show: River on which located........		■■■■	■■■■	■■■■	■■■■	27
Drainage area—square miles..................		■■■■	■■■■	■■■■	■■■■	28
Usable pondage or storage at site—acre-feet..................		■■■■	■■■■	■■■■	■■■■	29
Design head of waterwheels—feet..................	■■■■					30
Plant name.................. Type[1].................. State.................. County.................. Post office..................						31
For each unit or group of identical units show the following:	Total	Unit No.........	Unit No.........	Unit No.........	Unit No.........	
Maximum name-plate rating in kilovolt-amperes..................						32
Maximum name-plate rating of generator in kilowatts........						33
Name-plate rating—power factor..................	■■■■					34
Operating speed—revolutions per minute..................	■■■■					35
Generator voltage..................	■■■■					36
Generator phase and frequency or d. c..................	■■■■					37
Year installed[2]..................	■■■■					38
Planned ultimate generating capacity—kilowatts..................		■■■■	■■■■	■■■■	■■■■	39
If a fuel-burning plant show: Kind of fuel..................	■■■■					40
Full load fuel consumption in Btu per Kilowatt-hour ...						41
If a hydroelectric plant show: River on which located........		■■■■	■■■■	■■■■	■■■■	42
Drainage area—square miles..................		■■■■	■■■■	■■■■	■■■■	43
Usable pondage or storage at site—acre-feet..................		■■■■	■■■■	■■■■	■■■■	44
Design head of waterwheels—feet..................	■■■■					45

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[1] Hydro, pumped storage, steam, internal combustion engine, gas turbine, or nuclear.

[2] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Power System Statement of...for the Year Ended December 31, 196

Schedule 4

HYDROELECTRIC PLANT DATA

For 1965 and every fifth year thereafter (*1970, 1975, 1980, etc.*) this entire schedule should be filled in *completely* for each conventional hydroelectric plant of 10,000-kilowatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (*1966-7-8-9, 1971-2-3-4, etc.*) this schedule should be filled in for each such plant as referred to in the preceding paragraph.

(a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., water wheels, generators, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of changes during the year in dams, spillways, or other structures of the project, or in available storage at or above the site; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data last reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19..., is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name.......... (2)			1
A. PLANT LOCATION				
River on which located..........				2
State..........				3
County..........				4
Post office..........				5
B. STATION DATA				
Total installed generator capacity—name-plate ratings (including auxiliary units)—kw [1]..				6
Net plant capability under the most favorable operating conditions—kw..........	Power Factor....... Percent [2]			7
Net plant capability under the most adverse operating conditions [3]—kw..........				8
Estimated average annual potential output on basis of present installed capacity—kwh....				9
If adequate records are available, specify which year of stream flow may be used to determine both the magnitude and distribution of the average annual potential output..........				10
Estimated over-all water use in c. f. s. per kilowatt and corresponding head for the following loads under headwater conditions which approximate average conditions. Give the kilowatt output for each load:	C. f. s. Per Kw	Corresponding Head—Feet Gross [4]	Net [5]	
One-half station load (kilowatts ....)..........				11
Three-fourths station load (kilowatts ....)..........				12
Full station load (kilowatts ....)..........				13
Method of operation—automatic or remote control (A), semiautomatic (SA), manual (M)..				14
Number of future units provided for in present plant..........				15
Planned ultimate generating capacity—kw..........				16
C. HYDRAULIC DATA				
Drainage area—square miles..........				17
Pondage or storage available at site:				
1. Area of pond at normal full pond level—acres..........				18
2. Maximum draw-down from normal full pond level—feet..........				19
3. Storage or pondage from maximum draw-down—acre-feet..........				20
Head—in feet, with full pond and full station load:				
1. Gross head (Pond elevation minus tailwater elevation) .... feet..........				21
2. Effective net head (Gross head minus intake and conduit losses) .... feet......				22
Elevation:				
1. Normal full pond elevation—designate datum..........				23
2. Pond elevation used in estimating water use in lines 11, 12, and 13..........				24
Developed storage above site (list):				
1. Location and drainage area..........				25
(a) Usable volume—acre-feet..........				26
2. Location and drainage area..........				27
(b) Usable volume—acre-feet..........				28
3. Location and drainage area..........				29
(c) Usable volume—acre-feet..........				30

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[1] Should agree with sum of columns 4 and 5, Schedule 1.
[2] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.
[3] Give cause of limitation and time of year.
[4] Pond elevation minus tailwater elevation with pond at normal or average elevation.
[5] Gross head minus intake and conduit losses.

Power System Statement of...for the Year Ended December 31, 1969

HYDROELECTRIC PLANT DATA—Continued

D. INSTALLATION DATA

Name of Plant.......................................Name of System.......................

Number of main generating units....... Number of auxiliary generating units....... (Indicate below which are auxiliary units)

	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
For each unit or group of identical units show the following (if necessary attach additional sheets):						
1. Waterwheels:						
(a) Design head—feet..................						31
(b) Operating speed—revolutions per minute..........						32
(c) Maximum horsepower capacity at design head......						33
(d) Type of runner—Francis (F), fixed propeller (F. P.), automatically adjustable propeller (A. P.), impulse [1]						34
(e) Type—horizontal, vertical, or inclined..............						35
(f) Year installed [2]..................						36
(g) Manufacturer..................						37
2. Generators:						
(a) Name-plate rating in kilovolt-amperes..............						38
Name-plate rating in kilowatts..................						39
Name-plate rating—power factor..................						40
(b) Continuous overload capacity in percent..............						41
(c) Voltage..................						42
(d) Phase and frequency or d. c..................						43
(e) Year installed [2]..................						44
(f) Manufacturer..................						45

E. STATION STEP-UP TRANSFORMERS

Data are to be furnished for each transformer or group, i. e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service..............						46
(b) Spare..............						47
Type: If auto, specify..................						48
Phase and frequency..................						49
Capacity of each transformer in kva:						
(a) Normal rating..................						50
(b) Maximum continuous rating with forced cooling (if installed)..................						51
Voltage, in kv.: Primary..................						52
Secondary..................						53
Tertiary..................						54
Bank connection (Δ, V, Y, grounded Y, or other):						
Primary..................						55
Secondary..................						56
Tertiary..................						57
Bank capacity, in kva.: Primary..................						58
Secondary..................						59
Tertiary..................						60

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1. Report reversible units on schedule 4–A.
2. If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Schedule 4–A

PUMPED STORAGE PLANT DATA[1]

For 1965 and every fifth year thereafter (*1970, 1975, 1980, etc.*) this entire schedule should be filled in *completely* for each pumped storage plant of 10,000 kilowatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth *year*.

For each of the intermediate years (*1966-7-8-9, 1971-2-3-4, etc.*) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

(a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., water wheels, generators, or other equipment installed, remodeled, removed from service, or otherwise changed, or
(c) Whose capability was modified as a result of changes during the year in dams, spillways, or other structures of the project, or in available storage at or above the site; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data last reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19......, is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name.................. (2)		
			1
A. PLANT LOCATION			
River on which located........			2
State........			3
County........			4
Post office........			5
B. STATION DATA			
Total installed generator capacity—name-plate ratings (including auxiliary units)—kw[2]........			6
	Power Factor ...... Percent[3]		
Net plant capability at maximum head—kw........			7
Net plant capability at minimum head—kw........			8
Estimated average annual generation—kwh........			9
Estimated average annual pumping energy—kwh........			10
Method of operation—automatic or remote control (A), semiautomatic (SA), manual (M)........			11
Number of future units provided for in present plant........			12
Planned ultimate generating capacity—kw........			13
Estimated over-all water use in c.f.s. per kilowatt and corresponding head for the following loads under headwater conditions which approximate average conditions. Give the kilowatt output for each load:	Maximum Head	Minimum Head	
One-half station load (kilowatts ....)........c.f.s. Per kw..			14
Three-fourths station load (kilowatts ....)........c.f.s. Per kw..			15
Full station load (kilowatts ....)........c.f.s. Per kw..			16
Overall conversion efficiency—kwh output ÷ kwh input........			17
Full station load pumping—kilowatts........			18
C. HYDRAULIC DATA			
	Upper Pond	Lower Pond	
Pondage or storage available at site:			
1. Area of pond at normal full pond level—acres........			19
2. Maximum draw-down from normal full pond level—feet........			20
3. Storage or pondage from maximum draw-down-acre—feet........			21
Elevation:			
1. Normal full pond elevation—designate datum........			22
	Maximum Head	Minimum Head	
Head—in feet, with full station load:			
1. Gross head (Upper pond elevation minus lower pond elevation)........feet..			23
2. Effective net head (Gross head minus intake and conduit losses)........feet..			24
Storage in upper pool:			
1. Kilowatt hours........			25
2. Hour use of net plant capability........			26
Pump starting method........			27

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[1] Complete this schedule for pure pumped storage plants. For plants with both conventional and pumped storage facilities report only the pumping cycle data that are not reported on schedule 4.
[2] Should agree with sum of columns 4 and 5, Schedule 1.
[3] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.

PUMPED STORAGE PLANT DATA—Continued

D. INSTALLATION DATA

Name of Plant .... Name of System ....

Number of main generating units .... Number of auxiliary generating units .... (Indicate below which are auxiliary units)

	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
For each unit or group of identical units show the following (if necessary attach additional sheets):						
1. Waterwheels of Hydraulic Turbine/Pumps						28
(a) Design head—feet..........						29
(b) Operating need—as turbine—rpm..........						30
(c) Operating need—as pump—rpm..........						31
(d) Maximum horsepower capacity at design head..........						
(e) Type of runner—Francis (F), fixed propeller (F.P.),						
automatically adjustable propeller (A.P.), im-						32
pulse (I), tubular (T)..........						33
(f) Type—horizontal or vertical or inclined..........						34
(g) Year installed [1]..........						35
(h) Manufacturer..........						
2. Generators or Generator/Motors						36
(a) Name-plate rating in kilovolt-amperes—Generator..........						37
(b) Name-plate rating in kilovolt-amperes—Motor..........						38
(c) Name-plate rating in kilowatts—Generator..........						39
(d) Name-plate rating-power factor—Generator..........						40
(e) Name-plate rating in horsepower—Motor..........						41
(f) Voltage..........						42
(g) Phase and frequency or d.c..........						43
(h) Year installed [1]..........						44
(i) Manufacturer..........						
3. Separate motor-driven pumps						45
(a) Name-plate rating in horsepower..........						46
(b) Name-plate rating in kilovolt-amperes..........						47
(c) Phase and frequency or d.c..........						48
(d) Operating speed—rpm..........						49
(e) Type of pump..........						50
(f) Year installed [1]..........						51
(g) Manufacturer..........						

E. STATION STEP-UP TRANSFORMERS

Data are to be furnished for each transformer or group, i.e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
						52
Number of identical transformers: (a) In service..........						53
(b) Spare..........						54
Type: If auto, specify..........						55
Phase and frequency..........						
Continuous capacity of each bank (with forced cooling if installed)..........						56
Bank capacity, in mva. Primary..........						57
Secondary..........						58
Tertiary..........						59
Voltage, in k.v. Primary..........						60
Secondary..........						61
Tertiary..........						

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[1] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Rev. (12-65)

Schedule 5

STEAM-ELECTRIC, INCLUDING NUCLEAR, PLANT DATA

For 1965 and every fifth year thereafter (*1970, 1975, 1980, etc.*) this entire schedule should be filled in *completely* for each steam-electric (including nuclear) plant of 25,000-kilowatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (*1966-7-8-9, 1971-2-3-4, etc.*) this schedule should be filled in for each such plant as referred to in the preceding paragraph

(a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., generators, boiler units, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of plant changes during the year; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19......, is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name.................. (2)	1
A. PLANT LOCATION		
State		2
County		3
Post Office		4
B. STATION DATA		
Total installed generator capacity—maximum name-plate ratings (including auxiliary units)—kw [1]		5
Number and capacity of future units provided for in present plant		6
Planned ultimate generating capacity—kilowatts		7
Source of condenser water supply and type of cooling		8
Minimum available condenser water in c. f. s.		9
Give the duration of the period and the time of the year when plant capability is normally limited by condenser water or ambient temperature		10
Fuel consumption in Btu per kilowatt-hour of net station output. Assume the most efficient combination of units (for ½ and ¾ load) and give the kilowatt output for each load:		
(*a*) At one-half station load (kilowatts..............)		11
(*b*) At three-fourths station load (kilowatts..............)		12
(*c*) At full station load (kilowatts..............)		13
State whether steam produced at this plant is sold or supplied to other departments or to industrial companies		14
If coal is used, from what State is it procured		15
B. t. u. content of fuel as fired:		
Coal (Btu per pound)		16
Oil (Btu per gallon)		17
Gas (Btu per cubic foot)		18

C. PLANT NET CAPABILITY UNDER SPECIFIED CONDITIONS

	With All Equipment in Service (Kilowatts)	With Largest Generating Unit Out of Service (Kilowatts)	With Largest Boiler Unit Out of Service (Kilowatts)	
	Power Factor [2]...... Percent	Power Factor [2]...... Percent	Power Factor [2]...... Percent	
Net plant capability (excluding plant use):				
1. When NOT limited by condenser water or ambient temperature:				
For loads of:				
(*a*) One-hour duration				19
(*b*) Two-hour duration				20
(*c*) Continuous duration				21
2. During periods when *limited* by condenser water or ambient temperature:				
For loads of:				
(*a*) One-hour duration				22
(*b*) Two-hour duration				23
(c) Continuous duration				24

---

[1] Should agree with sum of columns 4 and 5, Schedule 1.
[2] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.

Power System Statement of...for the Year Ended December 31, 1969

STEAM-ELECTRIC, INCLUDING NUCLEAR, PLANT DATA—Continued
D. INSTALLATION DATA

Name of plant.. Name of System..

Number of main generating units.........Number of auxiliary generating units.......(Indicate below which are auxiliary units)

For each unit or group of identical units show the following (if necessary attach additional sheets):	Unit Nos.........	Unit Nos.........	Unit Nos.........	Unit Nos.........	Unit Nos.........	
Generator Data:						
Manufacturers maximum nameplate rating in kilowatts.						25
Hydrogen pressure—psi gage..............						26
Manufacturers minimum nameplate rating in kilowatts.						27
Hydrogen pressure—psi gage..............						28
Manufacturers nameplate—power factor..............						29
Generator coolant—Air (A), Hydrogen (H), Liquid (L)......						30
Generator voltage..............						31
Generator phase and frequency..............						32
Manufacturer..............						33
Turbine Data:						
Turbine nameplate rating—kw..............						34
Single casing, tandem compound, cross compound, etc......						35
Operating speed—revolutions per minute..............						36
Throttle pressure—psi gage..............						37
Throttle temperature—degrees F..............						38
Reheat temperature, if applicable—degrees F..............						39
Exhaust pressure—psi gage or inches of mercury..............						40
Full load steam rate in pounds per kilowatt-hour..............						41
Full load heat rate in Btu per kilowatt-hour..............						42
Manufacturer..............						43
Year installed [1]..............						44
Turbine-Generator Data:						
Maximum gross capability in kilowatts..............						45
Hydrogen pressure—psi gage..............						46

Give for each boiler or group of identical boilers the following:	Boiler Nos.........	Boiler Nos.........	Boiler Nos.........	Boiler Nos.........	Boiler Nos.........	
Steam pressure—psi gage..............						47
Maximum continuous steaming capacity—pounds per hr.....						48
Kind of fuel (coal, gas, oil, etc.)..............						49
Method of firing..............						50
Year installed..............						51
Manufacturer..............						52

E. STATION STEP-UP TRANSFORMERS

Data are to be furnished for each transformer or group, i. e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (*a*) In service..............						53
(*b*) Spare..............						54
Type: If auto, specify..............						55
Phase and frequency..............						56
Capacity of each transformer in kva.:						
(*a*) Normal rating..............						57
(*b*) Maximum continuous rating with forced cooling (if installed)......						58
Voltage, in kv.: Primary..............						59
Secondary..............						60
Tertiary..............						61
Bank connection (Δ, V, Y, grounded Y, or other):						
Primary..............						62
Secondary..............						63
Tertiary..............						64
Bank capacity, in kva.: Primary..............						65
Secondary..............						66
Tertiary..............						67

---

[1] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Rev. (12-65)

Schedule 7

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA

For 1965 and every fifth year thereafter (*1970, 1975, 1980, etc.*) this entire schedule should be filled in *completely* for each internal-combustion engine plant and each gas-turbine plant of 5,000-kilowatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (*1966-7-8-9, 1971-2-3-4, etc.*) this schedule should be filled in for each such plant as referred to in the preceding paragraph

(a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., engines, generators, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of plant changes made during the year; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data last reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19......, is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name......... (2)	1
A. PLANT LOCATION		
State..........		2
County..........		3
Post office..........		4
B. STATION DATA		
Type of station-internal-combustion engine or gas turbine[1]..........		5
Total installed generator capacity—Maximum name-plate ratings—kw[2]..........		6
Net plant capability for loads of—	Power Factor.......Percent[3]	
1. One-hour duration..........		7
2. Two-hour duration..........		8
3. Continuous duration..........		9
Method of operation—automatic (A), semiautomatic (SA), or manual (M)..........		10
Kind of fuel (gas, gasoline, oil, etc.)..........		11
Btu content of fuel as fired (give unit of measure)..........		12
Number and capacity of future units provided for in present plant..........		13
Planned ultimate generating capacity—kilowatts..........		14

C. INSTALLATION DETAILS

Number of units..............

	Unit Nos.........	Unit Nos.........	Unit Nos.........	Unit Nos.........	Unit Nos.........	
For each unit or group of identical units show the following (if necessary, attach additional sheets):						
Name-plate rating—kilovolt-amperes..........						15
Name-plate rating—kilowatts..........						16
Name-plate rating—power factor..........						17
Operating speed—revolutions per minute..........						18
Generator voltage..........						19
Generator phase and frequency or d. c..........						20
Year installed[4]..........						21
Manufacturer of generator..........						22
Fuel consumption in Btu per kilowatt-hour at:						
One-half load (kilowatts..............)..........						23
Three-fourths load (kilowatts..............)..........						24
Full load (kilowatts..............)..........						25
Gas turbines:						
Inlet air temperature—degrees F..........						26
Inlet gas temperature—degrees F..........						27
Exhaust gas temperature—degrees F..........						28
Manufacturer of prime-mover..........						29

---

[1] If any plant is equipped with both internal-combustion engine and gas-turbine units, each kind should be reported as though it were a separate plant.

[2] Should agree with sum of columns 4 and 5, Schedule 1.

[3] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.

[4] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Power System Statement of .... for the Year Ended December 31, 1969

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA—Continued

D. STATION STEP-UP TRANSFORMERS

Name of Plant .... Name of System ....

Data are to be furnished for each transformer or group, i. e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						29
(b) Spare						30
Type: If auto, specify						31
Phase and frequency						32
Capacity of each transformer in kva.:						
(a) Normal rating						33
(b) Maximum continuous rating with forced cooling (if installed)						34
Voltage, in kv.: Primary						35
Secondary						36
Tertiary						37
Bank connection (Δ, V, Y, grounded Y, or other):						
Primary						38
Secondary						39
Tertiary						40
Bank capacity, in kva.: Primary						41
Secondary						42
Tertiary						43

Schedule 8

ITEMIZED ACCOUNTING OF ENERGY TRANSFERS WITH OTHER ELECTRIC UTILITY SYSTEMS AND INDUSTRIAL COMPANIES DURING THE YEAR

GENERAL INSTRUCTIONS

1. In this schedule, give an itemized accounting of all energy transfers to and from the facilities of other systems during the year, including gross sales, purchases, interchanges and transfers for resale, whether on a firm, interchange, or any other basis, and all energy received from industrial companies. Group the entries and show subtotals of energy transfers with (a) private systems; (b) municipal and other publicly owned systems; (c) rural cooperatives; and (d) industrial companies (energy received only). Part A is for recording of "In-Load" and borderline energy transfers as found described in the instructions for Part A on Page 20, and Part B on Page 21 is for the recording of all other energy transfers.

2. In column 1, give the name of the system to which the respondent's system is connected at the transfer point. Where the connecting system merely acts as a carrier for energy intended for other systems, state in footnote the names of the other systems involved.

3. In columns 2 and 3, give the location of transfer points in such a manner that they can be identified on the system maps furnished according to schedule 18. By "transfer point" is meant the point at which the reported amounts of energy were transferred to and from the respondent's system.

4. Energy delivered by respondent's system to customers of another system (sometimes known as "border-line customers"), or vice versa (energy delivered to respondent's customers by another system), should be reported in Part "A" and identified by inserting "border-line" in column 2. Border-line deliveries or receipts, except at individual points where the transfer exceeds 5,000,000 kilowatt-hours, may be shown as a total for each other system instead of by each individual delivery point.

5. In column 4, show the symbol "F" for firm power transfers and the symbol "NF" for transfers other than firm.

6. In columns 5 and 6, report total amounts of energy flow in each direction at each transfer point, i. e., the total amounts "delivered" and the total amounts "received" at each transfer point including energy transferred or displaced through the respondent's facilities for delivery to other systems. Do not report the amounts of energy billed, or net transfers, if they differ from total transfers.

7. Firm power for purposes of this schedule is power which is intended to be continuously available for delivery to the purchaser. Other than firm power is power delivered or received on a "when, as and if, available" basis.

8. Where there are several points of interconnection with another system, and there is no distinction between firm and other than firm energy at individual transfer points, show the total energy received and delivered at each transfer point in columns 5 and 6, and also show a subtotal of the firm transfers and the other than firm transfers with the other system involved.

9. Subtotals and totals of the combined parts A and B should be carried over to section B of schedule 9.

Schedule 5—Continued

PART A.—ENERGY DELIVERIES TO SPECIFIED SYSTEMS AND ENERGY TRANSACTIONS WITH BORDER-LINE CUSTOMERS

(See Page 19 for General Instructions)

1. Show in column 6 the amounts of energy delivered for resale to each class III and class V system.

2. If the respondent's system delivered energy to customers of another system (sometimes known as "border-line customers") such deliveries also should be included in column 6.

3. If customers of respondent received energy directly from another system for the account of the respondent (border-line receipts), such transfers shall be entered in column 5. If part of the energy deliveries to systems specified in instruction 1 and reported in column 6 are received back into the reporting system through another interconnection, such receipts also should be entered in column 5. All other receipts should be entered in column 5, part B, of schedule 8.

4. Energy delivered by respondent's system to "border-line customers," or vice versa (energy delivered to respondent's customers by another system), should be identified by inserting "border-line" in column 2.

5. Indicate by appropriate notes those systems whose full requirements were supplied by respondent.

6. The totals shown on line 40, column 5 and 6, should be carried over to line 13, columns 5 and 6, respectively, of schedule 14.

Name of Other Company or System (1)	Transfer Point (2)	Coordinate Location of Transfer on Map (3)	Firm (F) or Nonfirm (NF) Transfer (4)	Energy Received (Instruction 3) (Kilowatt-hours) (5)	Energy Delivered (Instructions 1 and 2) (Kilowatt-hours) (6)	
						1
						2
						3
						4
						5
						6
						7
						8
						9
						10
						11
						12
						13
						14
						15
						16
						17
						18
						19
						20
						21
						22
						23
						24
						25
						26
						27
						28
						29
						30
						31
						32
						33
						34
						35
						36
						37
						38
						39
Total						40

Schedule 8—Continued

PART B.—OTHER ENERGY TRANSFERS WITH ELECTRIC UTILITY SYSTEMS AND RECEIPTS FROM INDUSTRIAL COMPANIES

(See Page 19 for General Instructions)

1. Report in column 5 all energy (except that reported in Schedule 8, Part A, column 5) received from other electric utility systems and industrial companies.

2. Report in column 6 the amounts of energy delivered for resale to class I and class II systems which obtained a part of their power supply during the year from their own generating plants or from systems other than the respondent's. Energy delivered to industrial establishments should be reported in Schedule 10 and not in this schedule.

3. Show all points of interconnection through which energy transfers (which would properly be included in Part B) could have been made, whether there were any transfers during the year or not. Where no transfers were made the entries in columns 5 and 6 should be zero.

4. The totals shown on line 40, columns 5 and 6, should be carried over to line 13, columns 3 and 4, respectively, of schedule 14.

Name of Other Company or System (1)	Transfer Point (2)	Coordinate Location of Symbol on Map (3)	Firm (F) or Nonfirm (NF) Transfer (4)	Energy Received (Instruction 1) (Kilowatt-hours) (5)	Energy Delivered (Instruction 2) (Kilowatt-hours) (6)	
						1
						2
						3
						4
						5
						6
						7
						8
						9
						10
						11
						12
						13
						14
						15
						16
						17
						18
						19
						20
						21
						22
						23
						24
						25
						26
						27
						28
						29
						30
						31
						32
						33
						34
						35
						36
						37
						38
						39
Total						40

Schedule 9

SYSTEM ENERGY ACCOUNTING FOR THE YEAR

	Kilowatt-hours		
(1)	Generated and received (2)	Delivered (3)	
A. Net Generation of System Plants (from column 8, line 36, schedule 1)........		x x x x x x	1
B. Summary of Energy Transfers With Other Systems: (from schedule 8, part A plus part B):			
(1) Private systems..............			2
(2) Municipal and other publicly owned systems..............			3
(3) Rural cooperatives..............			4
(4) Industrial companies..............		x x x x x x	5
Total (lines 2 to 5, inclusive)..............			6
C. Net Energy for System (generation, plus energy received, less energy delivered)		x x x x x x	7
D. Total Energy Delivered to Ultimate Consumers[1] (Should agree with line 9, Schedule 10)..............		x x x x x x	8
E. Transmission and Distribution Losses and Energy Unaccounted for (line 7 minus line 8).[2]..............		x x x x x x	9

[1] Exclusive of "border line" deliveries to customers of other utilities and inclusive of "border line" receipts from other utilities.

[2] Exclude company and interdepartmental deliveries, such deliveries should be included in Schedule 10.

Schedule 10

ENERGY DELIVERED TO ULTIMATE CONSUMERS

(Exclusive of "border line" deliveries to customers of other utilities)

INSTRUCTIONS

The energy use classifications employed in this schedule are defined or clarified below for those classifications which may not be self-explanatory

FARM, EXCLUDING IRRIGATION AND DRAINAGE PUMPING.—In order to facilitate reporting this classification of energy, farm may be defined in accordance with respondent's own interpretation. For guidance, the Bureau of the Census' definition of a farm may for the purposes herein be redefined briefly as a tract of land of ten acres or more (less than three acres if value of products sold is $250 or more for the year) on which agricultural operations are performed; the land operated by each tenant, renter, cropper, or manager is considered a separate farm. Respondent should report farms served rather than farm dwellings served in the column for number of customers. Estimates should be furnished for this classification if exact information is not available.

IRRIGATION AND DRAINAGE PUMPING.—Estimates should be furnished for this classification if exact information is not available

NONFARM-RESIDENTIAL.—Energy supplied for nonfarm-residential and domestic purposes, including cooking and water heating. Where electric energy was supplied through a single meter for both residential and commercial purposes include it in the one or the other, according to its principal use. Exclude energy supplied to farm customers

ELECTRIFIED TRANSPORTATION.—Energy supplied for the propulsion of cars, locomotives, or coaches. Energy for office buildings, depots, shops, signal lights, etc., should be reported under "Commercial" or "Industrial" as appropriate

ALL OTHER.—Energy delivered for ultimate consumption that does not fall within any of the specific classifications listed in this schedule. Included in this group should be deliveries for municiapl water pumping; oil and gas pipe line pumping, military camps and bases; and public buildings such as schools, police stations, and post offices

Classification of Energy Delivered to Ultimate Consumers[1] (1)	Number of Customers at End of Year[2] (2)	Kilowatt-hours (3)	
Farm, excluding irrigation and drainage pumping..............			1
Irrigation and drainage pumping..............			2
Nonfarm-residential..............			3
Commercial..............			4
Industrial..............			5
Street and highway lighting..............			6
Electrified transportation			7
All Other (give details, if relatively large)..............			8
Total Energy Delivered to Ultimate Consumers (should agree with line 8, schedule 9).			9

[1] Include company and interdepartmental deliveries in proper use classification.

[2] Report number of farms, residences commercial establishments, etc., and not the number of motors where different

Schedule 11

ENERGY TRANSFERRED TO OR ACROSS A STATE LINE OR INTERNATIONAL BOUNDARY DURING THE YEAR

1. In this schedule show the amounts of energy flow to or across a State line or international boundary during the year, including energy to and from the respondent's facilities.

2. Report Total amounts of energy as transferred in each direction over each line used. Do not report Net transfers. Where transfers were made over a number of circuits, estimates (noted "Est."), of the amounts transferred may be furnished, if measured quantities are not available.

3. Where the transfers reported were from one System Company to another System Company operating in an adjoining State, those company names should also be given in columns 1 and 3. "System" companies are those listed under item 6-C, page 3.

Transferred From—		Transferred To—		Line Designation		Amount Transferred (Kilowatt-hours)	
Company (1)	State (2)	Company (3)	State (4)	From— (5)	To— (6)	(7)	
							1
							2
							3
							4
							5
							6
							7
							8
							9
							10
							11
							12
							13
							14
							15
							16
							17
							18
							19
							20
							21
							22
							23
							24
							25
							26
							27
							28
							29
							30

Schedule 13

DEMAND ON GENERATING PLANTS, POWER RECEIVED, AND POWER DELIVERED, FOR RESALE, AT THE TIME OF SYSTEM PEAK LOAD OF THE YEAR

1. This schedule and schedules 14 and 15 are intended to show the load characteristics of the respondent's system in a form that avoids duplication with similar data for other systems. For this purpose the respondent's "system load" for any 60-minute clock-hour interval is defined as being equal to the aggregate of the energy supplied during that interval:

(a) To ultimate consumers of the respondent;
(b) To the systems listed in schedule 8 Part A i. e., to class III and class V systems.
(c) To other departments of the respondent; and, for transmission and distribution losses and energy unaccounted for on the respondent's system; and, for the respondent's electric utility operations (exclusive of plant use)

Note that the system load as here defined does not include the demands of other class I and class II systems whose power requirements during the year were not wholly supplied by the respondent's system, i. e., which obtained a part of their requirements from their own generating facilities or from sources other than the respondent's system. Deliveries to such systems, listed in "D" below, must be excluded in order to avoid duplication.

2. Class I and class II systems should furnish the information requested below for the 60-minute clock-hour interval during which the system peak load of the year occurred.

3. All of the demand data called for in this schedule should show integrated kilowatt demands for the 60-minute clock-hour interval during which the system peak load of the year occurred. Where integrated demands for 60-minute clock-hour intervals are not available, it is desired that available data be adjusted to approximate the integrated demand for 60-minute clock-hour intervals. Adjustments made should be explained in footnotes. Where such adjustments cannot be made, demand data should be furnished in the form available.

4. Estimated quantities (noted "Est.") should be furnished where measured data are not available.

Date and hour of system peak load of year..	**Integrated Demand—Kilowatts (at time of system peak)** **Demand interval**..........	
A. Combined net demand on system generating plants (from col. 11, line 36, schedule 1)..................		1
B. Itemized accounting of power received from other systems and industrial companies, except "border-line" receipts entered on line 40, schedule 8 part A. **Name of other system**		
		2
		3
		4
		5
		6
		7
		8
		9
		10
Total of lines 2 to 10, inclusive..		11
C. Demand on generating plants plus power received (line 1 plus line 11)..................................		12
D. Itemized accounting of power delivered to other systems for resale, except to those listed in schedule 8 part A **Name of other system**		
		13
		14
		15
		16
		17
		18
		19
		20
		21
Total of lines 13 to 21, inclusive..		22
E. System peak load of the year (C minus D). This entry should agree with the peak load of the year as shown in schedule 14, using the same demand interval....................................		23

Schedule 14

NET GENERATION, ENERGY RECEIVED AND DELIVERED, AND SYSTEM PEAKS BY MONTHS FOR THE YEAR

1. In column 2, show the total net generation of system plants by months for the year. The entry on line 13 of this column should agree with the entry on line 36, column 8, of schedule 1.

2. In columns 3, 4, 5 and 6, show the monthly distribution of the energy transfers reported in schedule 8, parts A and B. The totals shown on line 13 should agree with the totals reported in schedule 8.

3. In column 8 the entry on line 26 should agree with the entry on line 7 of schedule 9.

4. In column 10, show the maximum kilowatt load on the system for each month of the year. Load data in this column should be the maximum integrated demand of the energy tabulated in column 9 for 60-minute clock-hour intervals. Where integrated demands for 60-minute clock-hour intervals are not available, it is desired that available data be adjusted to approximate such intervals. Adjustments made should be explained in footnotes. Where such adjustments cannot be made, load data should be furnished in the form available. The entry on line 26 of column 10 should agree with the entry on line 23 of schedule 13.

Month (1)	System Net Generation (Kilowatt-hours) (2)	ENERGY TRANSFERS FROM SCHEDULE 8				
		Part B (Page 21)		Part A (Page 20)		
		Received (Col. 5) (Kilowatt-hours) (3)	Delivered (Col. 6) (Kilowatt-hours) (4)	Received (Col. 5) (Kilowatt-hours) (5)	Delivered (Col. 6) (Kilowatt-hours) (6)	
Jan						1
Feb						2
Mar						3
Apr						4
May						5
June						6
July						7
Aug						8
Sept						9
Oct.						10
Nov.						11
Dec						12
Total						13

Month (7)	Net Energy for System (Col. 2 plus col. 3 minus col. 4 plus col. 5 minus col. 6) (Kilowatt-hours) (8)	LOAD DATA					
		Net Energy for Load (Col. 2 plus col. 3 minus col. 4) (Kilowatt-hours) (9)	Peak Load			Load Factor (From cols. 9 and 10) (Percent) (13)	
			Demand interval				
			(Kilowatts) (10)	(Date) (11)	(Clock-hour ending) (12)		
Jan.							14
Feb.							15
Mar.							16
Apr.							17
May							18
June							19
July							20
Aug.							21
Sept							22
Oct.							23
Nov.							24
Dec.							25
Year							26

Report Minimum Hourly Load Experienced During the Month

Month (14)	(Kilowatts) (15)	Month (16)	(Kilowatts) (17)	
Jan.		July		27
Feb		Aug		28
Mar.		Sept		29
Apr.		Oct		30
May		Nov		31
June		Dec		32

$$\text{Percent load factor} = \frac{\text{Net energy for load (Col. 9)} \times 100}{\text{Peak load (Col. 10)} \times \text{hours in month (or year)}}$$

Calculate the load factor to the nearest tenth of one percent. If hours used in calculating the load factor for a month differ from the calendar hours in that month, report the number of hours used in calculating the load factor.

Schedule 15

SYSTEM LOAD DATA FOR SPECIFIED WEEKS

Load data should be furnished by all class I systems. Class II systems may omit this schedule unless otherwise instructed

1. Show the 60-minute integrated kilowatt demand for each clock-hour of the days specified in this schedule, determined (as for the peak hour in schedule 13) from coincident demands as follows:

(a) Combined net demand on all system generating plants.

(b) Plus: Power received from other systems and industrial companies listed in schedule 6, part B, column 5.

(c) Minus: Power delivered, for resale, to each class I and class II system that obtained a part of its power supply during the year from its own generating facilities or from systems other than the respondent's. These systems are listed in schedule 8, part B column 6.

(d) Total net demand for load data-(a) plus (b) minus (c).

Note that power delivered by the respondent to another class III or class V system is included in the respondent's system load for purposes of this schedule.

2. Where integrated demands for 60-minute clock-hour intervals are not available, it is desired that available data be adjusted to approximate the integrated demand for 60-minute clock-hour intervals. Adjustments made should be explained in footnotes. Where such adjustments cannot be made, load data should be furnished in the form available.

3. The loads represented by the demands to be entered in this schedule will, in accordance with instruction 1, include the sales for resale to systems listed in schedule 8, part A.

4. State whether the system operates on Eastern, Central, Mountain, or Pacific time

5. If the system operated on daylight-saving time during the year, give beginning and ending dates of the daylight-saving period.

6. If any of the reported data are given in daylight-saving time, indicate which readings are so given

7. If unusual conditions (storms, floods, industrial disturbances, etc.) greatly affected the system load characteristics during any of the specified weeks, describe such influences briefly on an addenda sheet and give the dates affected

Schedule 15

SYSTEM LOAD DATA FOR SPECIFIED WEEKS

Demand Interval ....

Time Interval (1)	INTEGRATED DEMAND IN KILOWATTS							
	First Full Week of April Starting With Sunday (Indicate dates)							
	Sunday (2)	Monday (3)	Tuesday (4)	Wednesday (5)	Thursday (6)	Friday (7)	Saturday (8)	
Midnight								
12- 1								1
1- 2								2
2- 3								3
3- 4								4
4- 5								5
5- 6								6
6- 7								7
7- 8								8
8- 9								9
9-10								10
10-11								11
11-12								12
Noon								
12- 1								13
1- 2								14
2- 3								15
3- 4								16
4- 5								17
5- 6								18
6- 7								19
7- 8								20
8- 9								21
9-10								22
10-11								23
11-12								24
Total kw-hr								25

Note.—In order that systems may collect data in advance, the same weeks in the following year will be selected for schedule 15.

Power System Statement of..for the Year Ended December 31, 1969

Schedule 15—Continued

SYSTEM LOAD DATA FOR SPECIFIED WEEKS

Demand Interval..........................

Time Interval (1)	INTEGRATED DEMAND IN KILOWATTS First Full Week of August Starting With Sunday (indicate dates) Sunday (2)	Monday (3)	Tuesday (4)	Wednesday (5)	Thursday (6)	Friday (7)	Saturday (8)	
Midnight								
12- 1								1
1- 2								2
2- 3								3
3- 4								4
4- 5								5
5- 6								6
6- 7								7
7- 8								8
8- 9								9
9-10								10
10-11								11
11-12								12
Noon								
12- 1								13
1- 2								14
2- 3								15
3- 4								16
4- 5								17
5- 6								18
6- 7								19
7- 8								20
8- 9								21
9-10								22
10-11								23
11-12								24
Total [illegible]								25

	First Full Week of December Starting With Sunday (indicate dates) Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Midnight								
12- 1								26
1- 2								27
2- 3								28
3- 4								29
4- 5								30
5- 6								31
6- 7								32
7- 8								33
8- 9								34
9-10								35
10-11								36
11-12								37
Noon								
12- 1								38
1- 2								39
2- 3								40
3- 4								41
4- 5								42
5- 6								43
6- 7								44
7- 8								45
8- 9								46
9-10								47
10-11								48
11-12								49
Total [illegible]								50

Schedule 16

SYSTEM DEPENDABLE AND ASSURED CAPACITY

INSTRUCTIONS

1 (a). Show as the dependable capacity of the system fuel plants that capacity which can be relied upon to be available for active or standby service at the usual time of the annual system peak. Allowance should be made for any maintenance outage of equipment which MUST be scheduled during the usual time of the annual system peak, giving an explanation under "Remarks." In the space under "Remarks" show what part of the dependable system fuel capacity is suitable only for short-time operation or standby service.

1 (b). The dependable capacity of system conventional hydro plants, as defined for Schedule 16, relates to the capacity which under the most adverse flow conditions of record can be relied upon to carry system load, provide dependable reserve capacity, and meet firm power obligations, taking into account seasonal variations and other characteristics of the load to be supplied and of the firm power obligations. Some systems may be able to utilize off-peak energy from other systems so as to increase the dependable capacity of the reporting system conventional hydro plants. Where consideration is given to the off-peak energy which can be secured from others, an explanation of the amount and conditions governing the receipt of such energy should be given. In cases where the stream-flow records indicate that the most adverse flows are not likely to occur except at long intervals of time and are likely to be of very short duration, the figures used in determining the capacity available from conventional hydro plants may be modified, treating such abnormal limitations as an emergency condition to be covered by the reserve capacity. Such modifications should be fully explained. Full consideration should be given to data reported in Schedule 2 for adverse flow conditions in computing the annual dependable system conventional hydro capacity

1 (c). The dependable capacity of system pumped storage plants, as defined for Schedule 16, is that capacity which can be relied upon to carry system load or provide dependable reserve capacity at the usual time of annual system peak taking into account such factors as limitations in plant capability due to reservoir drawdown, the energy equivalent of storage in the upper reservoir, and the available pumping energy on a daily or weekly pumping cycle. For plants with both conventional and pumped storage facilities, the conventional and pumped storage portions of dependable capacity should be reported in items 1 (b) and 1 (c), respectively.

2. Show the amount of firm power which is intended to be available at the usual time of the annual system peak from utilities, industries, or others. Show amount stated in contract; if it is not a single, definite, fixed amount, explain under "Remarks" or on a separate sheet. DO NOT INCLUDE POWER WHICH MIGHT BE AVAILABLE UNDER INTERCHANGE, EMERGENCY, OR "WHEN, AS, AND IF" ARRANGEMENTS. It is desired that corresponding items reported be in agreement as between the affected companies. It is, therefore, suggested that the companies concerned agree upon the figure to be reported.

3. Show the amount of firm power committed or obligated which is intended to be available at the usual time of the respondent's system peak to other systems. Show amount stated in contract; if it is not a single, definite, fixed amount, explain under "Remarks" or on a separate sheet. DO NOT INCLUDE OBLIGATIONS UNDER INTERCHANGE, EMERGENCY, OR "WHEN, AS, AND IF" ARRANGEMENTS. It is desired that corresponding items reported be in agreement as between the affected companies. It is, therefore, suggested that the companies concerned agree upon the figure to be reported.

4 (a). Show the total amount of reserve capacity, regardless of the source, considered necessary to maintain adequate service at the usual time of the annual system peak, without regard to the relation of net assured capacity to system peak. In general, the largest reduction in dependable capacity which might result from an outage of a generator or boiler unit determines the minimum reserve capacity required. Where unusual conditions obtain, explain fully in the space under "Remarks."

4 (b). Show that portion of the total required reserve capacity which is relied upon to be available at the usual time of system peak under interchange, emergency, or similar agreements with others. In the space under "Remarks" show in detail the sources of this capacity and state what portion is (1) spinning reserve instantly available; (2) available during times of maintenance and inspection; (3) available upon short notice; and (4) length of time available.

4 (c). Show in the space provided for "Remarks" whether the reserve capacity required to be supplied by own plants is available wholly from fuel plants or wholly from hydroelectric plants or a combination of both, and state the length of time this capacity could be depended upon in case of system outages. Some systems having storage hydro may be limited as to the magnitude of load that can be carried by the amount of potential energy available under adverse stream flow conditions. Such systems may have excess peaking capacity, some portion of which can be considered as dependable reserve capacity, provided sufficient energy is held in storage to take care of possible system outages during the critical period. Such capacity should be included in item 1 (b) with full explanation under "Remarks."

If a considerable amount of energy is normally received from or delivered to others (exclusive of deliveries to systems listed in Schedule 8, Part A) under interchange, emergency, or "When, as, and if" arrangements and such transfers are expected to continue, give a brief description under "Remarks." Where firm power obligations or purchases vary in the amount of capacity that is available for any specific period of time or have limitations as to the amount of energy available, full explanation should be given under "Remarks." Use additional sheets for remarks if necessary.

Remarks:

Schedule 16......Continued

SYSTEM DEPENDABLE AND ASSURED CAPACITY

A. CAPACITY AT END OF YEAR COVERED BY THIS REPORT.

Assuming a continuance of the relative seasonal and hourly variations of load that occurred during the year of this report[1], show in item 6, as derived below, what MAXIMUM ANNUAL SYSTEM LOAD could be carried with the system facilities and arrangements for the purchase or sale of firm power as they existed at the end of year covered by this report with allowance for reserve capacity theoretically required: (See detailed instructions on page 28.)

	Kilowatts	Kilowatts
1. Net dependable capacity available from:		
(a) System fuel plants (exclusive of capacity required for station use)		
(b) System conventional hydro plants		
(c) System pumped storage plants		
(d) Subtotal (a) plus (b) plus (c)		
2. Capacity available from firm purchases:		
From:		
Total		
3. Firm obligations to systems listed in schedule 8, part B:		
To:		
Total		
4. Net dependable capacity plus net purchases (1 (d) plus 2 minus 3)		
5. Reserve capacity required (exclusive of reserve for load growth):		
(a) Total reserve for system		
(b) Available through interchange or emergency agreements[2]		
(c) Reserve capacity required to be supplied by own system (a) minus (b)		
6. Net assured system capacity (4 minus 5 (c))		

B. FUTURE CHANGES IN CAPACITY.

1. List below all *SCHEDULED* alterations, additions, or retirements in system generating plants, and changes in firm power contracts with other systems.

Description of Change (Give plant name, type of plant and location where applicable) (1)	Date (Month—Year) Start (2)	Date (Month—Year) Completion (3)	Contract Change or Name-Plate Rating (Kilowatts) (4)	Effect in Kilowatts on— Net dependable capacity (5)	Effect in Kilowatts on— Reserve capacity (6)	Effect in Kilowatts on— Net assured capacity (7)

2. In addition to the *SCHEDULED* items in B-1 above, list below all *NON-SCHEDULED* generating capacity being considered for installation to meet estimated loads reported in schedule 19.

Give type of plant and approximate Location, if known (1)	Name-Plate Rating of Unit (Kilowatts) (2)	Number of Units (3)	Estimated Dates— Start Construction (4)	Estimated Dates— In Service (5)

---

[1] If the seasonal and hourly variations in load are expected to change materially from those experienced during the year of this report, the information given may be based on the expected load shape, explaining in a footnote.

[2] List each source of capacity and the amount available, as specified in instruction 4 (b) on page 28.

Schedule 17

DISTRIBUTION OF SYSTEM LOAD IN SERVICE AREA

INSTRUCTIONS

1. Information is desired regarding the distribution of the system load as entered in columns 9 and 10, schedule 14, within the territory served by the system. This information should be furnished on the basis used by respondent in maintaining load distribution data, such as by primary substations, operating divisions, communities, metropolitan areas, industrial areas, or other areas, in which the annual energy consumption was 10 million kilowatt-hours or greater.

2. A sketch map showing the location and the approximate boundary of each of these areas, together with identification symbols, also should be furnished, or may be shown on maps submitted under schedule 18.

Designation of Area (Primary substation, operating division, or community) (1)	Map Symbol (2)	Annual Energy Provided for the Area								Actual or Estimated Peak Demand of Area During the Year (Kilowatts) (11)	Date of Peak (12)	Annual Load Factor (13)	
		Total (Kilowatt-hours) (3)	Estimated Distribution—Percent										
			Farm (4)	Nonfarm-Residential (5)	Commercial (6)	Industrial (7)	Other (8)	"In Leads" (Sch. 8-A) (9)	Losses (10)				
													1
													2
													3
													4
													5
													6
													7
													8
													9
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													28

Schedule 18

SYSTEM MAPS AND DIAGRAMS

Attach to each of two copies of the power system statement one print each of the following:

(a) System map (or maps) showing geographical location of generating stations, electric power lines, switching stations, substations, and points of interconnection with other electric utility systems and with industrial plants having generating capacity of 1,000 kilowatts or greater.

(b) Single-line schematic switching diagram (or diagrams) showing the electrical connections of lines and facilities outlined in (a) above.

(c) General characteristics of facilities.

All as more specifically outlined below:

1. Maps and diagrams should show all lines and the substations supplied therefrom, operating at voltages of 22 kv. and above, except radial and low capacity distribution circuits in metropolitan areas.
2. In general, system maps or diagrams or both should be of such scale as to be easily read and should show: (a) Location and name of all generating plants and of those substations and switching stations specified in (1) and (3); (b) names of communities served by respondent; (c) location and name of each interconnection with other utility systems; (d) location and nominal voltage of each high voltage line of 22 kv. and above or any other line regardless of voltage which constitutes the tie line between generating stations or from generating stations to high voltage systems of 22 kv. or above, indicating frequency and number of phases where other than 60 cycle or 3 phase.
3. Substations and switching stations in the following classes, together with facilities for supply from the main system, should be shown on both the map and diagram even though the voltage of the supply lines may be below 22 kv.
   - (a) Principal substations and switching stations within metropolitan areas.
   - (b) Substations and switching stations connecting with other utility systems or to industrial plants having generating capacity of 1,000 kw. or over (connections for minor "border-line deliveries" need not be shown).
4. The following information should be shown on single-line schematic diagram or on supplemental tabulation for substations and switching stations specified in (1) and (3) above and for generating plants of 1,000 kw. capacity or greater:
   - (a) Connections of major electrical equipment such as generators, conversion equipment, main and auxiliary buses, circuit breakers, disconnecting switches (other than for instrument transformers), power transformers (specify △, V, Y, or Y grounded, etc.), voltage regulators, phase shifters, high voltage lines of 22 kv. and above.
   - (b) Principal connections from generating stations and principal substations (regardless of voltage).
   - (c) Nominal voltage of buses and equipment.
   - *(d) Continuous kva. rating of rotating equipment, transformers (normal and with forced cooling where installed), rectifiers, condensers, and voltage regulators.

   Meter, control and house circuits need not be shown. Characteristics of station step-up transformers given in schedules 4, 5, and 7 need not be repeated to comply with this instruction.
5. The following information should be shown for high voltage, tie, and substation supply lines:
   - (a) Number of circuits installed (if space for additional circuits, so note).
   - (b) Operating voltage (and design voltage if different).
   - (c) Length of right-of-way between terminal points.
   - (d) Type of construction, i. e., overhead, underground or submarine cable.
   - **(e) Type of structure, i. e., steel tower, wood H-frame, steel or wood pole and equivalent spacing of conductors.
   - (f) Conductor material and size.
6. *Material furnished under this schedule shall carry the notation "Correct as of December 31, 1969" (or a later date), and be initialed by a responsible employee of respondent.*
7. Existing maps and switching diagrams prepared for administrative purposes, load dispatching, or other operating uses, supplemented by such ink or color notations or tabulations as required, may be furnished.
8. If system maps, single-line diagrams and supplemental tabulations previously furnished meet the detailed requirements outlined above and are wholly correct as of the close of the year of this report, such information need not be repeated, but a notation should be made as to the accuracy and year submitted, as follows: Maps, diagrams, and tabulations submitted with FPC Form No. ...., for the year 19........., correct as of December 31 of the year herein reported.

*Need not be furnished for substations of total rating less than 300 kva.
**Need not be furnished for lines under 45 kv. if the maximum transmission voltage of the system is greater than 60 kv.

Schedule 18 B

HIGH VOLTAGE LINE DATA

1. Loading data are to be reported under this Schedule for high-voltage lines in the nominal voltage ranges indicated in the tabulation below. Data should be supplied for all line sections in the indicated voltage classifications, except that data need not be supplied for radial tap lines as defined in footnote ² or for sections of main high-voltage line between adjacent tap lines unless the section or tap (a) connects to a generating station; (b) crosses a state or international boundary; (c) involves a sale at wholesale for resale; or (d) serves a Federal Government load of 1,000 kilowatts or greater. However, data should be given for each end of such a line when intermediate data are excluded. Line terminals listed in this Schedule should be the same as shown on the geographical map or single-line diagram, or both. Power flow diagrams may be submitted in lieu of tabulations. Add data for lines completed since the last report.

High Voltage Lines Upon Which Data Should Be Supplied

If Highest Nominal System Voltage is—	*Supply Line Load Data for Main Lines and for (a) to (d) Lines of—*
69 Kv or Less	33 Kv or Greater
Over 69 Kv to 161 Kv	33 Kv or Greater
Greater than 161 Kv	Greater than 69 Kv and Lines in ¹

---

[1] Also supply data on 33 to 69 kv lines that fit (a) through (d) above or radiate from the network to supply areas not enclosed by a higher voltage line.

[2] Tap line as used here means a connection to a line of the same voltage between terminal points on that line.

2. The maximum possible loading shown in column 5 should be that at the time of annual system peak, taking into consideration not only the characteristics of the line itself, but also that of its associated equipment and other operating limitations that might be imposed by normal system conditions. If the capacity of the line under the above conditions is below the possible loading of the line alone, please specify by number the limiting factor, such as (1) transformer capacity, (2) limitations in capacity of other connecting lines, (3) system stability, (4) permissible voltage drop, (5) relay settings, (6) continuous current rating of circuit breakers, (7) generating station capacity, (8) line capacity controlled by parallel circuits and load locations, or (9) other factors which should be explained.

3. Show for the months designated, the load on each line *at the time of the monthly system peak, as shown in column 10, schedule 11.* The load data in this schedule should be the integrated demand for 60-minute intervals. Where integrated demands for such intervals are not available, other data should be adjusted or estimates furnished to approximate the integrated demand in 60-minute interval. Where two or more identical circuits between line terminals are grouped, indicate by symbol whether data be for one or all such circuits.

4. If the energy flow at the time of the monthly peak is in a direction opposite to that shown in columns 1 and 2, the figures in columns 6, 7, 8, 9, and 10 should be enclosed in parentheses (……..).

LINE TERMINALS		Length of Each Line (miles)	Operating Voltage (Kv.)	Maximum Possible Loading (mw.)	LINE LOAD AT TIME OF MONTHLY SYSTEM PEAK—(mw.)				
Normal Flow of Power									
From—	To—				April	August	October	December	Annual Peak
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)

mw.—thousand kilowatts.

Schedule 18 B—Continued

HIGH VOLTAGE LINE DATA—Continued

LINE TERMINALS		Length of Each Line (miles)	Operating Voltage (Kv.)	Maximum Possible Loading (mw.)	Line Load at Time of Monthly System Peak—(mw.)				
Normal Flow of Power									
From— (1)	To— (2)	(3)	(4)	(5)	April (6)	August (7)	October (8)	December (9)	Annual peak (10)

mw.—thousand kilowatts.

/

Schedule 19

SUMMER AND WINTER PEAK MONTH AND CALENDAR YEAR LOAD ESTIMATES

1. Furnish estimates of system's power requirements for the summer and winter month during which the seasonal peak load occurs on the same basis as schedule 14, columns 9, 10, and 13.

2. Furnish estimates of the system's power requirements for the next four calendar years on the same basis as schedule 14, columns 9, 10, and 13.

3. Include under "Remarks" a brief discussion of the major factors affecting power requirements which were considered in making the estimates.

(1)	Month of Peak (2)	Net Energy for Load (Kilowatt-hours) (3)	Peak Load (Kilowatts) (4)	Load Factor (Percent) (5)	
Seasonal peak month data:					
1970:					
Summer..........................					1
Winter (1970–71)..................					2
1971:					
Summer..........................					3
Winter (1971–72)..................					4
1972:					
Summer..........................					5
Winter (1972–73)..................					6
1973:					
Summer..........................					7
Winter (1973–74)..................					8
Calendar year data:					
1970..............................					9
1971..............................					10
1972..............................					11
1973..............................					12

Remarks:

Rev. (12-65)

ATTESTATION

The foregoing statement must be attested by a responsible engineer or executive officer of respondent, or of one of respondents where a consolidated statement is filed, qualified and duly authorized to prepare or supervise the preparation of the statement and to certify its accuracy, completeness and truthfulness.

Attest:

I am...of
(Title of Office or Position)

....
(Name of Respondent or of one of Respondents)

and...of
(Title of Any Office or Position, or "Agent")

....
(Name of Any Other Respondents)

....

....

I am qualified by training and experience and am charged with responsibility for, and have

prepared
supervised the preparation of
(Strike one)

the foregoing statement and as such an officer or employee and agent of respondent(s) certify that the foregoing statement is based upon, and is as full and complete as can be supplied from the records of respondent(s) and that the statement is true and accurate, to the best of my knowledge and belief.

....
(Signature of Attestor)

....
(Name, Typewritten or Printed)

....
(Title of Attestor)

....
(Date)

Rev. (12-65)

U.S. GOVERNMENT PRINTING OFFICE : [illegible] O—[illegible]

F.P.C. Form No. 12-D

Budget Bureau No. 84-RO53.17.
Approval expires 12-31-70.

POWER SYSTEM STATEMENT

For the Year Ended December 31, 1969
to the
FEDERAL POWER COMMISSION

....
(Full legal name of respondent) (Common designation of system)

This form is to be filled out and filed for each system having energy requirements during the year less than 5,000,000 kilowatt-hours. "System," as used in this report, means all physically connected electric facilities operated as a unit under one management. Where more than one system is operated, separate statements should be filed for each system.

This report and form is prescribed by § 141.55 of the Commission's regulations (promulgated by Order No. 183 and amended by Order No. 224 and Order No. 312) pursuant to the requirements of the Federal Power Act, for the purpose of gathering and keeping current information regarding the generation, transmission, and distribution of electric energy and the facilities available therefor.

Of the eight copies of the blank forms supplied, the original and five duplicate copies of the complete statement should be returned, together with the necessary maps or sketches.

Note: COMPLETE THIS STATEMENT AND MAIL TO:

ON OR BEFORE MAY 1, 1970

GENERAL INFORMATION

1. Location of System:
City, town, or community .... County .... State ....
2. Class of ownership (check one): (*a*) Government (city, State, etc.) ☐. (*b*) Cooperative ☐. (*c*) Private company ☐.
3. If respondent is a subsidiary, give name and address of parent company ....
....
4. Name, title, address, and telephone number of official to whom correspondence should be addressed ....
....

Schedule 1

GENERATION, ENERGY RECEIVED AND DELIVERED, AND SYSTEM PEAK FOR THE YEAR

	KILOWATT-HOURS
1. System net generation	
2. Energy received from others [1]	
3. Energy delivered to others for resale [2]	
4. Net energy for system (item 1, plus 2, minus 3)	

5. Peak load corresponding to item 4 [3] .... Kw.

6. Month in which system peak load occurred ....

[1] Should equal total shown in schedule 5, column 4.

[2] Should equal total shown in schedule 5, column 6.

[3] Maximum integrated demand of energy reported in item 4. Furnish an estimate if actual demand is not available.

Schedule 2

ENERGY DELIVERED TO ULTIMATE CONSUMERS

CLASSIFICATION OF DELIVERIES (1)	NUMBER OF CUSTOMERS AT END OF YEAR (2)	KILOWATT-HOURS (3)
1. Farm, excluding irrigation and drainage pumping		
2. Irrigation and drainage pumping		
3. Nonfarm-residential		
4. Commercial		
5. Industrial		
6. Street and highway lighting		
7. Electrified transportation		
8. All other (detail, if relatively large)		
9. TOTAL		
10. Losses and Energy Unaccounted for (line 11 minus line 9)	x x x x	
11. Net energy for system (from schedule 1)	x x x x	

Schedule 3

CONTEMPLATED ALTERATIONS, ADDITIONS, OR RETIREMENTS IN SYSTEM GENERATING PLANTS

DESCRIPTION OF CHANGE (Include plant name and location) (1)	UNIT NO. (2)	SPECIFY TYPE OF UNIT: Hydro, Steam, Int. Comb. Engine, or Gas Turbine (3)	NAMEPLATE RATING—Kw. (4)	SCHEDULED IN SERVICE DATE (5)

(OVER)

Schedule 4

ELECTRIC GENERATING EQUIPMENT OWNED OR OPERATED AS OF DECEMBER 31

	Plant name .... Type¹ .... River on which located (if hydro) .... State .... County .... Town				Plant name .... Type¹ .... River on which located (if hydro) .... State .... County .... Town			
For each unit or group of identical units show the following (1)	Total (2)	Unit Nos. .... (3)	Unit Nos. .... (4)	Unit Nos. .... (5)	Total (6)	Unit Nos. .... (7)	Unit Nos. .... (8)	Unit Nos. .... (9)
1. Nameplate rating in kilovolt-amperes								
2. Nameplate rating in kilowatts								
3. Nameplate power-factor rating	x x x x				x x x x			
4. Generator phase and frequency or d.c.	x x x x				x x x x			
5. Generator voltage	x x x x				x x x x			
6. Year installed	x x x x				x x x x			
7. Net generation for the year²		x x x x	x x x x	x x x x		x x x x	x x x x	x x x x
8. Maximum hourly load carried during year, kw		x x x x	x x x x	x x x x		x x x x	x x x x	x x x x
9. Plant capability, kw		x x x x	x x x x	x x x x		x x x x	x x x x	x x x x

¹ Hydro, steam, internal combustion engine, or gas turbine. ² Gross generation minus energy consumed for plant auxiliaries and for plant light and power.

Schedule 5

ELECTRIC POWER RECEIVED FROM OR DELIVERED TO OTHER SYSTEMS

1. Show total receipts and total deliveries for resale separately for each interconnection point, except for transactions with industrial companies, in which case only receipts should be shown; deliveries to industrial companies should be entered in schedule 2. **Do not show net figures.**
2. List all connections with utilities, public or private (including rural cooperatives), through which energy can be received or delivered, and all connections with industrial companies from whom energy can be received, whether there were any transfers during the year or not.

Name of Other Utility System or Industry	Location of Interconnection (Nearest town)	Capacity of Interconnection	Electric Power Received		Electric Power Delivered		Characteristics of Power Transfer	
		kv.-a.	Kilowatt-hours	Maximum Kilowatts	Kilowatt-hours	Maximum Kilowatts	Volts	Phase and cycles
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
		Total		x x x		x x x	x x x x	x x x x

Schedule 6

MAP OF ELECTRIC SYSTEM

Attach to both the original and first copy of this statement, up-to-date maps or sketches of system facilities, or marked city maps, showing the geographic location of powerplants, principal substations, powerlines serving other communities, all connections with other systems, and boundary of areas served. *Show for each powerline and connection with other systems the mileage, operating voltage, phase and cycles, and size and material of line conductors; also, indicate the ratings of powerplants and principal substations.* Indicate approximate scale (feet per inch or miles per inch) on maps or sketches. **If sketches or maps previously furnished represent conditions at the close of the year of this report, a notation should be made as to their accuracy and the year submitted, as follows:** Maps submitted with F.P.C. Form No. .... for the year 19...... , correct as of December 31 of the year herein reported.

ATTEST:

I have examined the foregoing statement and certify that the answers to the inquiries therein are as full and complete as can be supplied from the records and that they are true and accurate, to the best of my knowledge and belief.

.... (Signature of responsible engineer or executive officer)

.... (Title)

.... (Name typewritten or printed)

.... (Date)

U.S. GOVERNMENT PRINTING OFFICE [illegible]

F. P. C. Form No. 12-A

Budget Bureau No. 84-R031.19.
Approval Expires 12-31-70.

POWER SYSTEM STATEMENT

FOR THE YEAR ENDED DECEMBER, 31, 1969

MADE BY

....

(Full legal name and address of respondent)

COVERING

....

(Common designation of system)

LOCATED IN THE STATE(S) OF ....

TO THE

FEDERAL POWER COMMISSION

The following is an excerpt from the Commission's regulations prescribing the filing of Power System Statements for Electric Utilities, Licensees, and Others.

Part 141—Statements and Reports (Schedules)

* * * * *

§ 141.52 Form No. 12-A, Power system statements for Class III, IV, and V Systems.

(a) The revised FPC Form No. 12-A, Power System Statement (Class III, IV, and V Systems) including the revised instructions and schedules therein contained, be and the same hereby is approved and adopted.

(b) Each corporation, person, agency, authority or other legal entity or instrumentality, whether public or private, which operates facilities for the generation or transmission or distribution of electric energy, and which is in the classification of Class III, IV, or V Systems (as the same are defined in the accompanying revised FPC Form No. 12-A) shall hereafter annually prepare and file with the Commission on or before the 1st of May 1956 and each year thereafter such statement or statements, and in such form as is required by said instructions and schedules, setting forth the answers to the questions therein stated, and furnishing the information therein called for, for the preceding calendar year: *Provided, however,* That said Form shall not be required to be prepared and filed for Class III Systems having "net energy for system" during the year less than 5,000,000 kilowatt-hours (as the same is defined in the accompanying form), or for Class IV and V Systems having energy requirements during the year less than 5,000,000 kilowatt-hours except as specifically directed, or for Class IV and V Systems where Form No. 12 or 12-D is requested.

* * * * *

The revised form was prescribed by the Commission by Order No. 183, issued January 14, 1956 (15 FPC 790) and amended by Order No. 224, issued September 15, 1960 (24 FPC 480) and Order No. 312, issued December 20, 1965. Statutory authority for the Commission's action is granted by the Federal Power Act, as amended (49 Stat. 838; 16 U.S.C. 791a–825r) and particularly Sections 4(a), 301(a), 302(b), 303, 304, 309, and 311 (49 Stat. 839, 854, 855, 858, 859; 16 U.S.C. 797(a), 825(a), 825a(b), 825b, 825c, 825h, 825j).

***Note:* Complete this statement and mail to**

ON OR BEFORE MAY 1, 1970

(THIS SHEET MAY BE DETACHED)

DEFINITIONS

1. "Person," as hereinafter used, means a corporation or person, as defined in section 3 of the Federal Power Act, agency, authority, or other legal entity or instrumentality, whether public or private, including a municipality as defined in said section 3.

2. "System," as hereinafter used, means all physically connected electric generating and/or transmission and/or distribution facilities operated as a unit under one control, management, or operating supervision by one or more persons.

3. "Respondent," as hereinafter used, means the person or persons upon whose behalf a power system statement is filed.

4. The "net energy for system" (col. 6, schedule 2, and line 11, schedule 4) is the sum of system net generation and energy received from others less the energy delivered to others for resale.

GENERAL INSTRUCTIONS

Statements concerning the operation of electric power systems as required by the Commission's order, shown on page 1, should be prepared and filed in conformity with the following requirements, unless otherwise directed by the Regional Office of the Federal Power Commission.

1. Where a person operates a system and only one system, one statement should be filed for that system.

2. Where a person operates more than one system, **separate statements** should be filed for each system so operated.

3. Where more than one person operates a system, either a consolidated statement should be filed upon behalf of all, or separate statements should be filed by each, as directed by the Regional Office of the Federal Power Commission.

4. Where several systems, filing separate reports, are operated under some form of power pool operation or common dispatching, a supplementary power system statement (on F. P. C. Form No. 12) covering the pool operations should also be filed, including a brief statement describing the method of operation under the power pool arrangement.

5. Scope of the statement:

BASIS OF CLASSIFICATION	CLASS OF SYSTEM	SCOPE OF STATEMENT
Systems which generate all or part of system requirements and whose net energy for system for the year covered by this statement was:		
More than 100,000,000 kilowatt-hours	I	Form No. 12 complete.
20,000,000 to 100,000,000 kilowatt-hours	II	Form No. 12 complete, excepting schedule 15.
5,000,000 to 20,000,000 kilowatt-hours	III	Form No. 12-A.
Less than 5,000,000 kilowatt-hours	III	Form No. 12-D.
Systems engaged primarily in sales for resale and/or sales to industrials, all other sales being negligible	IV	Form No. 12-A unless Form No. 12 or No. 12-D is requested.
Systems which obtain entire energy requirements from other systems	V	

6. Of the eight copies of the blank forms supplied the original and five duplicate copies of the complete statement should be returned, together with the necessary maps and diagrams, to the Regional Office of the Federal Power Commission at the address shown on page 1.

7. All communications concerning this statement and all requests for additional forms and supplementary pages should be addressed to the Regional Office of the Commission.

8. Entries on this form may be made by typewriter, with pen and ink, or by any suitable method to facilitate reproduction, provided the entries are legible and in proper alignment.

9. Before the statement is prepared in final form for return to the Commission, all figures on the working copy should be checked for mathematical accuracy and for consistency, where the same figures appear in more than one schedule in this or in other statements or reports submitted to the Federal Power Commission. Any apparent inconsistency should be explained.

10. No deviation from these instructions should be undertaken without the approval of the Regional Office of the Federal Power Commission.

11. Insert the word "none" where it is a true and complete answer to any particular inquiry. Insert the words "not applicable" in those schedules or parts of schedules which do not apply to the respondent's system.

12. Where exact data are not available, report estimated data and designate such entries by the abbreviation "Est."

13. All information shall be furnished for the calendar year.

14. All information is to be furnished for the system as it existed at the end of the year. In case part of the system was acquired by the respondent during the calendar year, the respondent should report this part for the entire year, obtaining the necessary information from the records of the previous owners. In case part of the system was disposed of during the calendar year and the respondent was not operating that part at the end of the year, the respondent should not report on this part at all.

15. If the respondent operates hydroelectric generating plants with installed capacity of 10,000 kilowatts or more, or steam-electric generating plants with installed capacities of 25,000 kilowatts or more, or internal-combustion engine or gas turbine plants with installed capacities of 5,000 kilowatts or more which: (*a*) were constructed, purchased, or leased and placed in operation by the respondent during the year, (*b*) were altered during the year, i.e., water wheels, turbines, generators, boilers, or other equipment installed, remodeled, removed from service, or otherwise changed, (*c*) have had their capability modified during the year as a result of any other changes, or (*d*) have not been previously reported; detailed information for each such plant is to be furnished on the following supplementary forms which will be supplied upon request to the Commission's Regional Office:
(*a*) Schedule 4, Form 12 for hydroelectric plants.
(*b*) Schedule 5, Form 12 for steam-electric plants.
(*c*) Schedule 7, Form 12 for internal-combustion engine and gas turbine plants.

U.S. GOVERNMENT PRINTING OFFICE : 1969 O—350-400

Power System Statement of .... for the Year Ended December 31, 1969

GENERAL INFORMATION

1. Location of System: City, town, or community .... County .... State ....
2. Class of ownership (check one): (a) Government (city, State, etc.) ☐. (b) Cooperative ☐. (c) Private company ☐.
3. If respondent is a subsidiary, give name and address of parent company ....
4. Name, title, address, and telephone number of official to whom correspondence should be addressed ....
5. Other systems operated by respondent. Indicate by an asterisk those not reported for the year of this report ....

Schedule 1

ELECTRIC GENERATING EQUIPMENT AS OF DECEMBER 31

1. Enter information for all generating stations operated or held in cold reserve by respondent as part of system covered and, if necessary, attach additional sheets. Indicate by an asterisk (*) each station which is leased from others.
2. If any plant is equipped with combinations of hydro, steam, internal-combustion engine, or gas turbine units, each kind should be reported as though it were a separate plant.
3. For plant capability show the load in kilowatts which the station could carry for one hour under operating conditions usually experienced at time of peak load on the system.
4. Furnish supplementary information for large stations in accordance with general instruction 15.

For each unit or group of identical units show the following (if necessary, attach additional sheets):	Plant name .... Type[1] .... River on which located (if hydro) .... State .... County .... Town				Plant name .... Type[1] .... River on which located (if hydro) .... State .... County .... Town			
(1)	Total (2)	Unit Nos. ...... (3)	Unit Nos. ...... (4)	Unit Nos. ...... (5)	Total (6)	Unit Nos. ...... (7)	Unit Nos. ...... (8)	Unit Nos. ...... (9)
Name-plate rating in kilovolt amperes								
Name-plate rating in kilowatts								
Name-plate power-factor rating	x x x x				x x x x			
Generator phase and frequency or d. c	x x x x				x x x x			
Generator voltage	x x x x				x x x x			
Year installed[2]	x x x x				x x x x			
Net generation for the year[3]		x x x x	x x x x	x x x x		x x x x	x x x x	x x x x
Maximum hourly load carried during year, kw		x x x x	x x x x	x x x x		x x x x	x x x x	x x x x
Plant capability, kw		x x x x	x x x x	x x x x		x x x x	x x x x	x x x x

[1] Hydro, steam, internal combustion engine, or gas turbine.

[2] If not new when installed, show also by footnote the year equipment was manufactured.

[3] Gross generation minus energy consumed for plant auxiliaries and for plant light and power.

Schedule 2

A. GENERATION, ENERGY RECEIVED AND DELIVERED, AND SYSTEM PEAKS

Month (1)	System Net Generation (Kilowatt-hours) (2)	Peak Demand on System Plants (Kilowatts) (3)	Energy Received from Others (Kilowatt-hours) (4)	Energy Delivered to Others for Resale (Kilowatt-hours) (5)	Net Energy for System (Col. 2 plus col. 4 minus col. 5) (Kilowatt-hours) (6)	System Peak Load[1] (Kilowatts) (7)
January						
February						
March						
April						
May						
June						
July						
August						
September						
October						
November						
December						
Year						

[1] Maximum integrated demand of energy tabulated in col. 6 for 60-minute clock-hour intervals. Furnish estimates if recorded demands are not available.

B. ESTIMATES OF FUTURE SYSTEM ANNUAL PEAK LOADS

1. Show for the next two years estimates of future system annual peak loads corresponding to the actual system peak load for the year shown in column 7, Part A, of Schedule 2: 19 ...., ... kilowatts. 19 ...., ... kilowatts.

Schedule 3

ELECTRIC POWER RECEIVED FROM OR DELIVERED TO OTHER SYSTEMS

1. Show total receipts and total deliveries for resale separately for each interconnection point, except for transactions with industrial companies in which case only receipts should be shown; deliveries to industrial companies should be entered in schedule 4. **Do not show net figures.**
2. List all connections with utilities, public or private (including rural cooperatives), through which energy can be received or delivered, and all connections with industrial companies from whom energy can be received, whether there were any transfers during the year or not.

Name of Other Utility System or Industry (1)	Location of Interconnection (Nearest town) (2)	Capacity of Interconnection	Electric Power Received		Electric Power Delivered		Characteristics of Power Transfer	
		kva (3)	Kilowatt-hours (4)	Maximum Kilowatts (5)	Kilowatt-hours (6)	Maximum Kilowatts (7)	Volts (8)	Phase and cycles (9)
		TOTAL¹		x x x		x x x	x x x x	x x x x

¹ should equal totals shown in schedule 2, columns 4 and 5, respectively.

Schedule 4

ENERGY DELIVERED TO ULTIMATE CONSUMERS

The energy use classifications employed in this schedule are defined or clarified below for those classifications which may not be self-explanatory:

FARM, EXCLUDING IRRIGATION AND DRAINAGE PUMPING.—In order to facilitate reporting this classification of energy, farm may be defined in accordance with respondent's own interpretation. For guidance, the Bureau of the Census' definition of a farm may for the purposes herein be redefined briefly as a tract of land of three acres or more (less than three acres if value of products sold is $150 or more for the year) on which agricultural operations are performed; the land operated by each tenant, renter, cropper, or manager is considered a separate farm. Respondent should report farms served rather than farm dwellings served in the column for number of customers. Estimates should be furnished for this classification if exact information is not available.

IRRIGATION AND DRAINAGE PUMPING.—Estimates should be furnished for this classification if exact information is not available.

NONFARM—RESIDENTIAL.—Energy supplied for nonfarm residential and domestic purposes, including cooking and water heating. Where electric energy was supplied through a single meter for both residential and commercial purposes include it in the one or the other, according to its principal use. Exclude energy supplied to farm customers.

ELECTRIFIED TRANSPORTATION.—Energy supplied for the propulsion of cars, locomotives, or coaches. Energy for office buildings, depots, shops, signal lights, etc. should be reported under "Commercial" or "Industrial," as appropriate.

ALL OTHER.—Energy delivered for ultimate consumption that does not fall within any of the specific classifications listed in this schedule. Included in this group should be deliveries for municipal water pumping; oil and gas pipe line pumping; military camps and bases; and public buildings such as schools, police stations, and post offices.

Classification of Energy Delivered to Ultimate Consumers (1)	Number of Customers at End of Year¹ (2)	Kilowatt-Hours (3)
1. Farm, excluding irrigation and drainage pumping		
2. Irrigation and drainage pumping		
3. Nonfarm—residential		
4. Commercial		
5. Industrial		
6. Street and highway lighting		
7. Electrified transportation		
8. All other (give details, if relatively large)		
9. Total energy delivered to ultimate consumers		
10. Transmission and distribution losses and energy unaccounted for (line 11 minus line 9)		
11. Net energy for system (from Schedule 2, column 6)		

¹ Report number of farms, residences, commercial establishments, etc., and not the number of meters where different.

Schedule 5

A. SYSTEM DEPENDABLE AND ASSURED CAPACITY AS OF DECEMBER 31

	Kilowatts
1. Net dependable capacity available from:	
(a) System fuel plants..............	
(b) System hydro plants..............	
(c) Total..............	
2. Capacity available from firm purchases:	
From:	
....	
....	
Total..............	
3. Firm obligations to other systems:	
To:	
....	
....	
Total..............	
4. Net dependable capacity plus net purchases (1 (c) plus 2 minus 3)..............	
5. Reserve capacity required:	
(a) Total reserve for system..............	
(b) Available through interchange or emergency agreements..............	
(c) Reserve capacity required to be supplied by own system (a) minus (b)..............	
6. Net assured system capacity (4 minus 5 (c))..............	

DEFINITIONS

1. "Net dependable capacity" is exclusive of capacity required for station use and is defined as the load-carrying ability of all capacity which can be relied upon to be available for active or standby service at the usual time of annual system peak.

2 and 3. Firm purchases and obligations are defined as the amounts of power (which are expected to be available at usual time of system peak) stated in contracts. If it is not a single, definite, fixed amount, explain in footnotes. It is desired that corresponding items reported be in agreement as between the affected companies. *It is, therefore, suggested that the companies concerned agree upon the figures to be reported.*

5. "Reserve capacity required" refers to:

(a) Total reserve capacity required to maintain adequate service whether from generating units on own system or from other sources, such as interconnections with other plants or systems. In general, the largest reduction in dependable capacity which might result from an outage of a generator or boiler unit determines the minimum reserve capacity required.

(b) The amount of reserve capacity considered to be available through interconnections.

(c) The amount of reserve capacity which must be supplied by respondent's generating plant(s).

B. CONTEMPLATED CHANGES IN CAPACITY

List below all contemplated alterations, additions, or retirements in system generating plants and main transmission facilities, and changes in firm power contracts with other systems:

Description of Change (Give plant name, type and location, line or contract description, where applicable) (1)	Date Month—Year		Contract Change or Name-Plate Rating (Kilowatts) or Line Capacity (kva) (4)	Effect in Kilowatts on—		
	Start (2)	Completion (3)		Net Dependable Capacity (5)	Reserve Capacity [5 (c), above] (6)	Net assured capacity (7)

Schedule 6

MAP OF ELECTRIC SYSTEM

Attach to both the original and first copy of this statement, up-to-date maps or sketches of system facilities, or marked city maps, showing the geographic location of power plants, principal substations, power lines, all connections and transfer points with other systems, also the boundary line of the area served together with the communities supplied therein with electric energy. Show for each high voltage line of 22 kv. and above or any other line regardless of voltage, which constitutes the tie lines between generating stations or from generating stations to high voltage systems of 22 kv. or above, the length in miles; the voltage at which it is operated and the voltage for which it is insulated if different than the operating voltage; and for all alternating current lines show the number of cycles per second and the phase (one-phase, two-phase, or three-phase). Indicate size of conductors for all lines and show whether they are copper, aluminum, or otherwise. Show ratings and locations of transformer banks at power plants and principal substations including interconnections with other systems. Indicate approximate scale (feet per inch or miles per inch) on maps, sketches, or drawings. **If sketches or maps previously furnished represent conditions at the close of the year of this report a notation should be made as to their accuracy and the year submitted, as follows:** Maps submitted with F. P. C. Form No. ...., for the year 19......, correct as of December 31, of the year herein reported.

Attest:

I have examined the foregoing statement and certify that the answers to the inquiries therein are as full and complete as can be supplied from the records and that they are true and accurate, to the best of my knowledge and belief.

.... (Signature of responsible engineer or executive officer)

.... (Title)

.... (Name typewritten or printed)

.... (Date)

FPC Form 1-F
Rev (12-66)

Form Approved
Budget Bureau No. 54-R067.4

PUBLIC UTILITIES AND LICENSEES
(Classes C and D)

ANNUAL REPORT

OF

....
(Exact legal name of respondent)

TO THE

FEDERAL POWER COMMISSION

FOR THE

YEAR ENDED DECEMBER 31, 19......

F. P. C. Form No. 1-F
Public Utilities and Licensees, Classes C and D

ANNUAL REPORT
TO THE
FEDERAL POWER COMMISSION
For the Year Ended December 31, 19___
OF

____
(Exact legal name of respondent)
If name was changed during year, show also the previous name and date of change

____
(Address of principal business office at end of year)

An original and one conformed copy of this report form, properly filled out and verified, shall be filed with the Federal Power Commission, Washington D.C., 20426 on or before March 31st following the year covered by the report by each Class C and Class D Public Utility or Licensee, as classified in the Commission's Uniform System of Accounts effective January 1, 1961, prescribed for Public Utilities and Licensees subject to the provisions of the Federal Power Act. This report is required to be filed under authority of the Federal Power Act, particularly Sections 304(a) and 309 thereof.

GENERAL INFORMATION

Name, title and address of officer or other person to whom should be addressed any communication concerning this report.____

____

Name and title of officer having custody of the books of account and address of office where the books of account are kept.____

____

Name of State under the laws of which respondent is incorporated and date of incorporation. If incorporated under a special law, give reference to such law.____

____

If the respondent controls or is controlled by any other corporation, business trust, or similar organization, give a concise explanation of the manner and extent of control.____

____

SECURITY HOLDERS AND VOTING POWERS

Report below the names and addresses of the ten stockholders of the respondent, who, at the end of the year, had the greatest voting powers in the respondent, and state the number of votes each would have had a right to cast on that date, if a meeting were then in order. If any such holder held in trust, give the nature of the trust and the beneficial owner. If other securities have voting rights, give similar information for such securities which may have had voting rights at end of year.

Line No.	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	

OFFICERS AND DIRECTORS

Report below the names and addresses of officers and directors of respondent at end of year. If there were any changes during the year, show title, name, and address of previous officer or director and date of change. Designate by asterisk officers who are directors, and list other directors who are not officers. Report salary for the year of each officer and directors' fees for each director.

Line No.	Title (a)	Name of Officer or Director (b)	Principal Business Address (City and State) (c)	Salary and/or Fee (d)
21				$
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				

COMPARATIVE BALANCE SHEET

Line No.	Assets and Other Debits (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Increase or (decrease) (d)	Liabilities and Other Credits (e)	Balance Beginning of Year (f)	Balance End of Year (g)	Increase or (decrease) (h)
		$	$	$		$	$	$
1	Utility plant				Common capital stock			
2	Accumulated prov. for depreс.,				Preferred capital stock			
3	and amortization				Other paid-in capital			
4	Net utility plant				Installments rec'd on cap. stk.			
5	Utility plant adjustments				Discount on capital stock	( )	( )	
6	Nonutility prop. (less accumulated				Capital stock expense	( )	( )	
7	prov.for depr.& amort.$________)				Earned surplus			
8	Other investments & special funds.				Reacquired capital stock	( )	( )	
9	Current and accrued assets:				Non-corporate proprietorship**.			
10	Cash and working funds				Total proprietary capital ...			
11	Temporary cash investments				Bonds			
12	Notes and accounts receivable				Advances from assoc. companies.			
13	(less accumulated prov. for				Other long-term debt (specify			
14	uncoll. acc'ts* $________)				in footnote)			
15	Materials and supplies				Current and accrued liabilities			
16	Prepayments				Notes and accounts payable* ...			
17	Other current & accrued assets ..				Customer deposits			
18	Total current & accrued assets .				Taxes accrued			
19	Unamort. debt discount & expense .				Interest accrued			
20	Extraordinary property losses				Other curr. & accr. liabilities			
21	Other deferred debits				Total current & accrued liab.			
22	....				Unamortized premium on debt ...			
23	....				Customer advances for constr. .			
24	....				Accumulated deferred investment			
25	....				tax credits			
26	....				Other deferred credits			
27	....				Operating reserves			
28	....				Contributions in aid of constr.			
29	....				Accum. deferred income taxes ..			
30	....				....			
31	Total assets and other debits ..				Total liab. & other credits .			

* Report amounts applicable to associated companies in a footnote.

** Class D account.

ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF UTILITY PLANT

Line No.	Name of Utility Department (a)	Balance Beginning of Year (b)	Deprec. & Amort. Accruals for Year (c)	Net Charges for Plant Retired During Year (d)	Other Items Debit or Credit (Explain) (e)	Balance End of Year (f)
1	Electric	$	$	$	$	$
2	Other utility department					
3	(specify)					
4	....					
5	....					
6	....					
7	....					
8	....					
9	....					
10	....					
11	....					
12	....					
13	....					

CAPITAL STOCK

Line No.	Class and Series of Stock (a)	Number of Shares Authorized (b)	Par Value per Share of Par Value Stock (c)	Stated Value per Share of Nonpar Stock (d)	Outstanding per Balance Sheet	
					Shares (e)	Amount* (omit cents) (f)
			$	$		$
21	....					
22	....					
23	....					
24	....					
25	....					
26	....					
27	....					
28	....					
29	....					
30	....					
31	....					
32	....					

* Total amount outstanding without reduction for amounts held by respondent.

LONG-TERM DEBT

Line No.	Class and Series of Obligation (a)	Nominal Date of Issue (b)	Date of Maturity (c)	Outstanding per Balance Sheet (d)	Interest for Year	
					Rate (e)	Amount (f)
41	....			$		$
42	....					
43	....					
44	....					
45	....					
46	....					
47	....					
48	....					
49	....					
50	....					
51	....					
52	....Total					

Annual report of Year ended December 31, 19

CONDENSED INCOME STATEMENT
For the Year

Line No.	Item (a)	Current Year (b)	Preceding Year (c)	Increase or (decrease) (d)
		$	$	$
1	Electric operating revenues			
2	Electric operating expenses:			
3	Operation expense (Class C)			
4	Maintenance expense (Class C)..			
5	Operation and maintenance expenses (Class D)..............................			
6	Depreciation expense			
7	Amortization expense (Class C companies shall specify by prescribed			
8	accounts)			
9	....			
10	....			
11	Taxes other than income taxes			
12	Income taxes			
13	Provision for deferred income taxes			
14	Income taxes deferred in prior years - Credit	( )	( )	
15	Investment tax credit adjustments (net)			
16	Total electric operating expenses			
17	Net electric operating revenues			
18	Income from electric plant leased to others			
19	Electric utility operating income			
20	Other utility operating income (utility departments other than electric -			
21	specify)..			
22	....			
23	Total utility operating income			
24	Other income (specify by prescribed accounts)			
25	....			
26	....			
27	Total income			
28	Miscellaneous amortization			
29	Other income deductions (Subaccount 426.4 of $______ included, see page 11).			
30	Total miscellaneous income deductions			
31	Income before interest charges			
32	Interest charges (specify by prescribed accounts)			
33	....			
34	....			
35	Total interest charges			
36	Net income			

EARNED SURPLUS

Line No.	Item (a)	Amount (b)
		$
41	Unappropriated earned surplus (beginning of period)	
42	Balance transferred from income	
43	Miscellaneous credits (specify according to nature of credit)	
44	....	
45	Miscellaneous debits (specify according to nature of debit)	
46	....	
47	Appropriations of surplus	
48	Dividends declared - preferred stock	
49	Dividends declared - common stock	
50	Unappropriated earned surplus (end of period)	
51	....	
52	Appropriated earned surplus (specify purposes)	
53	....	
54	....	

ELECTRIC SALES DATA FOR THE YEAR

Line No.	Class of Service (a)	Revenues (b)	Kilowatt-hours (c)	Average Number of Customers* (d)
1	Residential sales	$		
2	Commercial and industrial sales			
3	Public street and highway lighting			
4	Interdepartmental sales			
5	Other sales			
6	Total sales to ultimate consumers			
7	Sales for resale			
8	Total sales of electricity			
9	Other operating revenues (specify)			
10	....			
11	....			
12	Total electric operating revenues			

* Average number of customers means the average of the 12 monthly numbers of customers.

SALES OF ELECTRICITY FOR RESALE

1. Report below the information called for concerning sales during year to other electric utilities, cooperatives, and to cities or other public authorities for distribution to ultimate consumers.
2. The number of kilowatt-hours sold should be the quantities shown on the bills rendered.

Line No.	Sales to (a)	FPC Rate Sch. No. (b)	Point of Delivery (c)	Voltage (d)	Kilowatt-hours (e)	Annual Maximum Demand 1/ (f)	Revenues	
							Amount (g)	Per kWh (h)
21	....						$	cents
22	....							
23	....							
24	....							
25	....							
26	....							
27	....							

1/ Kw or Kva (specify which).

ELECTRIC OPERATION AND MAINTENANCE EXPENSES

Line No.	Item (a)	Operation & Maintenance Expenses (b)
31	Production expenses:	$
32	Steam generation	
33	Hydraulic generation	
34	Other generation	
35	Purchased power (including interchanges, etc.)	
36	Other power supply expenses	
37	Total production expenses	
38	Transmission expenses (Class C)	
39	Distribution expenses (Class C)	
40	Transmission and distribution expenses (Class D)	
41	Customer accounts expenses (Class C)	
42	Sales expenses (Class C)	
43	Administrative and general expenses (Class C)	
44	General expenses (Class D)	
45	Total electric operation and maintenance expenses	

Annual report of　　　　　　　　　　Year ended December 31, 19

PURCHASED POWER

1. Report below the information called for concerning power purchased for resale during the year.
2. The number of kilowatt-hours purchased should be the quantities shown on the bills rendered.
3. Interchange transactions should be reported net in this schedule whether the net is a receipt or a delivery by respondent. Indicate such transactions with an asterisk.

Line No.	Purchased From (a)	[illegible] (b)	Point of Receipt (c)	Voltage (d)	Kilowatt-Hours (e)	Annual Maximum Demand 1/ (f)	Cost	
							Amount (g)	Per kwh (h)
							$	cents
1	....							
2	....							
3	....							
4	....							
5	....							
6	....							
7	....							
8	....							
9	....							

1/ Kw or kva (specify which).

UTILITY PLANT

Line No.	Item (a)	Balance Beginning of Year (b)	Additions During Year (c)	Retirements During Year (d)	Transfers and Adjustments (e)	Balance End of Year (f)
		$	$	$	$	$
11	Electric utility plant:					
12	Electric plant in service:					
13	Intangible plant					
14	Production plant:					
15	Steam production					
16	Hydraulic production					
17	Other production					
18	Transmission plant (Class C)					
19	Distribution plant (Class C)					
20	Transmission and distribution plant (Class D)					
21	General plant					
22	Other tangible property (Class D)					
23	Total electric plant in service					
24	Electric plant purchased					
25	Electric plant sold					
26	Electric plant in process of reclassification					
27	Electric plant leased to others					
28	Electric plant held for future use					
29	Construction work in progress - Electric					
30	Electric plant acquisition adjustments					
31	Other electric plant adjustments (explain)					
32	....					
33	Total electric plant					
34	Plant of other utility departments (specify)					
35	....					
36	Total utility plant					

GENERATING STATION STATISTICS

Line No.	Item (a)	Plant (b)	Plant (c)	Plant (d)
1	Kind of plant (steam, hydro, internal combustion engine or gas turbine)			
2	Year originally constructed			
3	Year last unit was installed			
4	Total installed generating capacity--kilowatts			
5	Net peak demand on plant this year--kilowatts (60 minutes)			
6	Net generation, exclusive of station use			
7	Production expenses:	$	$	$
8	Supervision and labor			
9	Fuel			
10	Supplies and expenses			
11	Maintenance			
12	Other expenses (specify):			
13				
14	Total production expenses			
15	Fuel: Kind			
16	Unit (coal--tons of 2,000 lb.) (oil--bbl. of 42 gal.) (gas--M cu. ft.)			
17	Quantity (units) consumed			

TRANSMISSION LINE STATISTICS

Line No.	LINE DESIGNATION		Voltage Kv (Operating) (c)	Type of Supporting Structure (d)	LENGTH (POLE MILES)		Number of Circuits (g)	Size of Conductor and Material (h)
	From-- (a)	To-- (b)			On Structures of Line Designated (e)	On Structures of Another Line (f)		
21								
22								
23								
24								
25								

TRANSMISSION LINES ADDED DURING YEAR

1. Report below the information called for concerning transmission lines added or altered during the year. It is not necessary, however, to report minor revisions of lines.
2. Show each transmission line separately. If actual costs of completed construction are not readily available, it is permissible to report in these columns the estimated final completion costs. Designate, however, if estimated amounts are reported.
3. If design voltage differs from operating voltage indicate such fact by footnote; also where line is other than 60 cycle, 3 phase indicate such other characteristic.

Line No.	LINE DESIGNATION		Voltage kv (Operating) (c)	Type of Supporting Structure (d)	LENGTH (POLE MILES)		Size of Conductor and Material (g)	Total Line Cost (h)
	From-- (a)	To-- (b)			On Structures of Line Designated (e)	On Structures of Another Line (f)		
31								$
32								
33								
34								
35								

INVESTMENT TAX CREDITS GENERATED AND UTILIZED

1. This schedule shall be prepared by the reporting company regardless of the method of accounting adopted for the investment tax credits. By footnote state the method of accounting adopted, and whether the company has consented to pass the entire amount of tax credits on to customers in the year used to reduce taxes and, if so, state the amount of such credits passed on.

2. As indicated in Column (a), the schedule shall show each year's activities from 1962 through the year covered by this report, and shall separately identify the data for 3 percent (3%) and 7 percent (7%) credits.

3. Report in Column (b) the amount of investment tax credits generated from properties acquired for use in public utility and licensee operations and report in Column (c) the amount of such generated credits utilized in computing the annual income taxes. If there are other utility or nonutility operations, show any applicable generated and utilized investment tax credits in a footnote. Also explain by footnote any adjustment to Columns (b), (c) and (d) such as for corrections, etc., or carryback of unused credits.

4. Report in Column (d) the weighted-average useful life of all properties used in computing the investment tax credits in Column (b).

5. Show by footnote any unused credits available at end of each year for carry forward as a reduction of taxes in subsequent years.

Line No.	Year (a)	Credit Generated for Year (b)	Credit Utilized for Year (c)	Weighted-Average Useful Life of Property (d)
1	1962			
2	3%			
3	7%			
4	1963			
5	3%			
6	7%			
7	1964			
8	3%			
9	7%			
10	1965			
11	3%			
12	7%			
13	1966			
14	3%			
15	7%			
16	1967			
17	3%			
18	7%			
19	1968			
20	3%			
21	7%			
22	1969			
23	3%			
24	7%			
25	1970			
26	3%			
27	7%			
28	1971			
29	3%			
30	7%			
31	1972			
32	3%			
33	7%			
34	1973			
35	3%			
36	7%			
37	1974			
38	3%			
39	7%			
40	1975			
41	3%			
42	7%			
43	1976			
44	3%			
45	7%			

ACCUMULATED DEFERRED INVESTMENT TAX CREDITS (ACCOUNT 255)

Report as specified below information applicable to the balance in Account 255, and the transactions therein. Where appropriate, segregate the balances and transactions by utility and nonutility operations. Explain by footnote any correcting adjustments to the account balance during the year. Include in column (h) the weighted-average period over which the tax credits are amortized.

Line No.	Account Subdivisions (a)	Balance Beginning of Year (b)	Deferred for Year		Allocations to Current Year's Income		Balance End of Year (g)	Average Period of Allocation to Income (h)
			Account No. (c)	Amount (d)	Account No. (e)	Amount (f)		
	Electric Utility:	$	$	$	$	$	$	$
1	3%							
2	7%							
3	Total							
4	Other (List separately and show							
5	3%, 7% and Total)							
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
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21								
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35								
36								
37								
38								

EXPENDITURES FOR CERTAIN CIVIC, POLITICAL AND RELATED ACTIVITIES
(SUBACCOUNT 426.4)

1. Report below all expenditures incurred by the respondent during the year for the purpose of influencing public opinion with respect to the election or appointment of public officials, referenda, legislation or ordinances (either with respect to the possible adoption of new referenda, legislation or ordinances or repeal or modification of existing referenda, legislation or ordinances); approval, modification, or revocation of franchises; or for the purpose of influencing the decisions of public officials which are accounted for as Other Income Deductions, Expenditures for Certain Civic, Political and Related Activities; Subaccount 426.4.
2. Advertising expenditures in this Subaccount shall be classified according to subheadings, as follows: (a) radio, television, and motion picture advertising; (b) newspaper, magazine, and pamphlet advertising; (c) letters or inserts in customers' bills; (d) inserts in reports to stockholders; (e) newspaper and magazine editorial services; and (f) other advertising.
3. Expenditures within the definition of paragraph (1), other than advertising, shall be reported according to captions or descriptions clearly indicating the nature and purpose of the activity.
4. If respondent has not incurred any expenditures contemplated by the instructions of Subaccount 426.4, so state.
5. For reporting years which begin during the calendar year 1964 only, minor amounts may be grouped by classes if the number of items so grouped is shown.

NOTE: The classification of expenses as nonoperating and their inclusion in this account is for accounting purposes. It does not preclude Commission consideration of proof to the contrary for ratemaking or other purposes.

Line No	Item (a)	Amount (Omit Cents) (b)
		$
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
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39		
40		
41		
42		

ATTESTATION

The foregoing report must be attested by an officer of the company.

.... certifies that
(Insert here the name of the attester)

he is ....
(Insert here the official title of the attester)

of ....
(Insert here the exact legal title or name of the respondent)

that he has examined the foregoing report; that to the best of his knowledge, information, and belief, all statements of fact contained in the said report are true and the said report is a correct statement of the business and affairs of the above-named respondent in respect to each and every matter set forth therein during the period from and including-

............................., 19......, to and including ....,19.....

....
(Signature of attester)

FPC Form 67
Rev (6-70)

FORM APPROVED
BUDGET BUREAU
No. 54-R0085

STEAM-ELECTRIC PLANT AIR AND WATER QUALITY CONTROL DATA
FOR THE YEAR ENDED DECEMBER 31, ____

FULL LEGAL NAME OF RESPONDENT

ADDRESS (Give Number, Street, City, State and Zip Code)	COMPANY - PLANT CODE: (USE THROUGHOUT THE REPORT)

PLANT NAME

PLANT LOCATION, INCLUDING COUNTY, STATE, NEAREST POST OFFICE, AND ZIP CODE

REPORT TO THE
FEDERAL POWER COMMISSION

Note: This statement should be completed and filed in the

on or before ______________

Name, title, and address of officer or other person to whom should be addressed any communication concerning this report

NAME AND TITLE	TELEPHONE NUMBER (Give Area Code)

ADDRESS

GENERAL INSTRUCTIONS

(1) An original and five conformed copies of this report form properly filled out and attested shall be filed with the Federal Power Commission on or before the first day of the fifth month following the close of the calendar or fiscal year for each plant operated by an electric utility with a steam-electric generating capacity of 25 megawatts or greater during the year covered, provided the plant is part of an electric utility system with a total capacity of 150 megawatts or more. This report form must also be filed for all plants with a steam-electric generating capacity of 25 megawatts or greater if the plants are located in a National Air Quality Control Region announced by the National Air Pollution Control Administration (Appendix A lists the National Air Quality Control Regions) even if they are part of a system with a total capacity of less than 150 megawatts.

(2) Six copies of the completed form, including the original if the report is typewritten, shall be returned to the Regional Office of the Federal Power Commission indicated on the cover. If more than one sheet is required for any pages label them Sheet 1; Sheet 2; etc. respectively. Retain a copy of the form for your files.

(3) All entries shall be legible and the form shall be suitable for reproduction.

(4) Information shall be furnished for the calendar year. Information on equipment and facilities shall be reported as of the end of the calendar year.

(5) Part I, Schedules A, B, C, and D, and Part II, Schedules A and B should be reported in full each year. Part I, Schedule E, and Part II, Schedules C, D, E, and F, should be completed for 1969 and every fifth year thereafter (1974, 1979, etc.); in the intervening years (1970, 1971, 1972, 1973, 1975, etc.) the data should be reported when equipment was: (a) placed in operation during the year; (b) altered during the year (i. e. installed, remodeled, removed or otherwise changed); or (c) not previously reported.

(6) Actual data are requested; however, estimated or calculated data may be reported, provided all such data are noted. Estimates should be identified by the letters "Est" following the entry, calculated data should be identified by the letters of "Cal." Estimates and calculations should be based on actual operating conditions during the year. If other conditions are assumed for any estimates or calculations, they should be specified in a footnote.

(7) Inconsistencies within this form and with other FPC forms should be explained.

(8) No deviation from these instructions should be undertaken without the approval of the Regional Office of the Federal Power Commission.

(9) Insert the word "none" where it is a true and complete answer to any inquiry. Insert the words "not applicable" in those sections or parts of sections which do not apply.

(10) All accounting words and phrases are to be interpreted in accordance with the Uniform System of Accounts for Public Utilities and Licensees prescribed by the Federal Power Commission. To the extent possible, costs and expenses should be reported in accordance with the above-mentioned Uniform System of Accounts.

GENERAL INSTRUCTIONS (Cont'd)

(11) Additional statements inserted for the purpose of further explanation of sections or items should be made on durable paper conforming to this form in size and width or margin except for the optional plant one-line diagram which may be of a convenient size as chosen by the respondent. Inserts should be securely bound in the report. Inserts should bear the titles of the sections and report form page numbers to which they pertain.

(12) All communications concerning this form and all requests for extra copies of individual pages should be addressed to the indicated Regional Office of the Commission. Additional copies of the complete form may be obtained from the Federal Power Commission, Washington, D.C. 20426 at 50 cents per copy.

DEFINITIONS

a. "Respondent", wherever used in this report, means the electric utility, regardless of type of ownership, in whose behalf the report is made.

b. The "capacity" of a generating unit is defined as the maximum generator nameplate rating at maximum hydrogen pressure.

c. Boilers having a "common breeching", as used herein, means two or more boilers whose flue gas outlet ducts are connected to the same ductwork and stack.

d. The terminology and criteria for performance of the flue gas cleaning equipment shall be as stated in the standards and publications of the Industrial Gas Cleaning Institute, and the American Society of Mechanical Engineers.

e. The terminology and criteria for performance of cooling towers shall be in accordance with the standards and publications of the Cooling Tower Institute.

f. The terminology and criteria for performance of condensers shall be as stated in the standards and publications of the American Society of Mechanical Engineers.

ABBREVIATIONS

Abbreviations as used herein conform to U.S. National Bureau of Standards Special Publication 304.

STEAM-ELECTRIC PLANT AIR AND WATER QUALITY CONTROL DATA

PART I - AIR QUALITY CONTROL DATA

Schedules A, B, C, and D

Instructions

1. Report annually.
2. Assign the same boiler designation to a specific boiler throughout the entire Part I of the form.
3. All footnotes should be shown on page 12.
4. If more than one sheet is required for any pages label them, for example, as page 5, sheet 1; page 5, sheet 2; etc,, respectively.

FPC Form 67
Rev (6-70)

STEAM-ELECTRIC PLANT AIR AND WATER QUALITY CONTROL DATA
PART I - AIR QUALITY CONTROL DATA

COMPANY NAME		PLANT NAME		REPORT FOR YEAR ENDED DECEMBER 31, 19 ____
COMPANY - PLANT CODE	PLANT CAPACITY - MW	STATE	COUNTY	POST OFFICE AND ZIP CODE

Schedule A - Fuel Quality

SECTION 1 - Plant Fuel Consumption Data

QUALITY REPORTED ON (Check one) :
☐ (B) ... "As burned" basis
☐ (R) ... "As received" basis

Report percent sulfur, ash, and moisture figures as weighted averages for the month to the nearest 0.1 percent (based on weight of fuel consumed). Report fuel quality and Btu values on "as burned" basis; if quality is only available on "as received" basis, it may be so reported. If fuel represents a blend of two or more types of coal or oil with distinctly different qualities, this should be described in a footnote.

LINE NO.	MONTH (a)	COAL					OIL			GAS		
		CONSUMPTION 1000 Tons (b)	BTU per Pound (c)	AVG. % SULFUR (d)	AVG. % ASH (e)	AVG. % MOISTURE (f)	CONSUMPTION 1000 Bbls (g)	BTU per Gal. (h)	AVG. % SULFUR (i)	CONSUMPTION 1000 Mcf. (j)	BTU per cu. ft. (k)	CHECK FOR FOOTNOTE* (l)
01	JAN.											
02	FEB.											
03	MAR.											
04	APR.											
05	MAY											
06	JUNE											
07	JULY											
08	AUG.											
09	SEP.											
10	OCT.											
11	NOV.											
12	DEC.											
13	YEAR											

* All footnotes should be shown on page 12.

STEAM-ELECTRIC PLANT AIR AND WATER QUALITY CONTROL DATA
PART I - AIR QUALITY CONTROL DATA

COMPANY NAME	COMPANY - PLANT CODE	REPORT FOR YEAR ENDED
PLANT NAME		DECEMBER 31, 19 _____

Schedule A - Fuel Quality (Cont'd)

Section 2 - Plant Fuel Source Data

LINE NO.		COAL		OIL			
				SOURCE			
	(a)	SOURCE (BUREAU OF MINES COAL DISTRICTS)* (b)	QUANTITY 1000 Tons (c)	SUPPLIER ** (d)	REFINERY OR PORT OF ENTRY *** (e)	QUANTITY 1000 Bbls (f)	CHECK FOR FOOTNOTE (g)****
14	SOURCE 1						
15	SOURCE 2						
16	SOURCE 3						
17	SOURCE 4						
18	SOURCE 5						
19	SOURCE 6						
20	SOURCE 7						
21	SOURCE 8						
22	ALL OTHER						

* List of Bureau of Mines Coal Districts is attached. If available, give name and location of mines (in footnote on page 12) supplying substantial portions of the coal used at the plant and the quantities supplied by each mine.

** If residual oil is delivered to a company-wide tank farm for distribution to more than one plant, explain in footnote.

*** Indicate refinery by "(R)" before refinery name; Port of entry by "(P)"; Other by "(O)". Explain "Other" in footnote.

**** All footnotes should be shown on page 12.

STEAM-ELECTRIC PLANT AIR AND WATER QUALITY CONTROL DATA

PART I - AIR QUALITY CONTROL DATA

Schedule B - Operational Data

Instructions

(1) Efficiency of flue gas cleaning equipment (tested or estimated) is to be reported as the percent by weight of solids, or the percent by volume of gases removed from the flue gas when the flue gas cleaning equipment and associated boiler(s) operate at design capacity, and at the capacity factor for the year.

(2) Efficiency of flue gas cleaning equipment shall be reported to the nearest tenth of a percent.

(3) If a unit of flue gas cleaning equipment is multi-purpose indicate the units tested and estimated current efficiency in removing each emittant.

(4) If more than one unit of flue gas cleaning equipment serves a boiler, show the data for each unit and indicate the combined efficiency and net emission rate in a footnote. Report the operations of such combination of units in lines 25 - 31 and indicate in a footnote the types of units that are combined.

(5) For two or more boilers connected with a common breeching:
   (a) Use a separate sheet number 5 for reporting individual boiler fuel consumption and operation during the year.
   (b) If a group of boilers is served by a common fuel feeder so that fuel consumption at the individual boilers is not obtainable, indicate in the appropriate space all boilers so served.

STEAM-ELECTRIC PLANT AIR AND WATER QUALITY CONTROL DATA
PART I - AIR QUALITY CONTROL DATA

COMPANY NAME	
PLANT NAME	
COMPANY - PLANT CODE	REPORT FOR YEAR ENDED DECEMBER 31, 19 _____

SCHEDULE B - OPERATIONAL DATA

A separate sheet (including Sections 1 and 2) should be prepared for each plant boiler.

01 **Section 1 - Fuel Consumption at Boiler No. __________ ***

LINE NO.	MONTH (a)	COAL (1000 Tons) (b)	OIL (1000 Bbls) (c)	GAS (1000 Mcf) (d)	CHECK FOR FOOTNOTE** (e)
02	JANUARY				
03	FEBRUARY				
04	MARCH				
05	APRIL				
06	MAY				
07	JUNE				
08	JULY				
09	AUGUST				
10	SEPTEMBER				
11	OCTOBER				
12	NOVEMBER				
13	DECEMBER				
14	TOTAL YEAR				

15 **Section 2 - Boiler Operation During Year, Boiler No. __________**

Enter as appropriate the following codes 1 thru 7 in columns (b), (c), (d), and (e), lines 16, 17 and 18; Actual hours of system peak need not be shown.

Boiler Operation	Code	Boiler Operation	Code
Continuous nominal full load	1	No-load hot standby	5
Less than full but over 75% load . . .	2	No-load cold standby	6
50% - 75% load	3	Other (explain in footnote, pg. 12) . .	7
Under 50% load	4		

LINE NO.	During Period of System (a)	WEEKDAYS		WEEKENDS ***		CHECK FOR FOOTNOTE ** (f)
		Average for consecutive four hours of highest output (Code only) (b)	Average for consecutive four hours of lowest output (Code only) (c)	Average for consecutive four hours of highest output (Code only) (d)	Average for consecutive four hours of lowest output (Code only) (e)	
16	WINTER PEAK WEEK					
17	SUMMER PEAK WEEK					
18	LOWEST POWER PERIOD WEEK					
19	TOTAL HOURS OF BOILER OPERATION DURING YEAR:					
20	BOILER CAPACITY FACTOR, AVERAGE DURING YEAR, PERCENT:					

* If fuel consumption is for a group of boilers served by a common fuel feeder, please indicate in footnote, line 14; List all boiler numbers sharing the same fuel feeder (__, __, __, __). Common fuel feeder may be shown on plant one-line diagram.

** All footnotes should be shown on page 12.

*** Midnight Friday to midnight Sunday.

STEAM-ELECTRIC PLANT AIR AND WATER QUALITY CONTROL DATA
PART I - AIR QUALITY CONTROL DATA

COMPANY NAME	
PLANT NAME	
COMPANY - PLANT CODE	REPORT FOR YEAR ENDED DECEMBER 31, 19 ____

SCHEDULE B - OPERATIONAL DATA (Cont'd)

Section 3 - Flue Gas Cleaning Equipment

LINE NO.	(a)	BOILER NO. (b)	BOILER NO. (c)	BOILER NO. (d)	BOILER NO. (e)	CHECK FOR FOOTNOTE ** (f)
21	BOILER NUMBER					
	MECHANICAL SEPARATORS:					
22	TESTED EFFICIENCY					
23	DATE OF TEST (YEAR/MONTH/DAY)					
24	ESTIMATED EFFICIENCY AT ANNUAL OPERATING FACTOR (If no test during year)					
	ELECTROSTATIC OR COMBINATION MECHANICAL-ELECTRICAL PRECIPITATORS:					
25	TYPE (Code "E" for Electrostatic, or "C" for Combination)					
26	TOTAL HOURS FOR THE YEAR DURING WHICH ALL ELECTRICAL BUS SECTIONS ARE ENERGIZED AND WHILE BOILER IS OPERATING *					
27	TESTED EFFICIENCY					
28	DATE OF TEST (YEAR/MONTH/DAY)					
29	STATE NUMBER OF HOURS DURING YEAR WHEN PRECIPITATOR IS NOT FULLY OPERATIONAL WHILE BOILER IS OPERATING.					
30	ESTIMATED EFFICIENCY DURING PERIODS WHEN BOILER IS OPERATING BUT WHEN PRECIPITATOR IS NOT FULLY OPERATIONAL					
31	ESTIMATED EFFICIENCY AT ANNUAL OPERATING FACTOR (If no test during year) *					
	DESULFURIZATION SYSTEM: ***					
32	HOURS OF SERVICE DURING YEAR * ..					
33	TESTED EFFICIENCY					
34	DATE OF TEST (YEAR/MONTH/DAY) ...					
35	ESTIMATED EFFICIENCY AT ANNUAL OPERATING FACTOR (If no test during year)*					
	OTHER FLUE GAS CLEANING TYPE (Explain in footnote)					
36	HOURS IN SERVICE DURING YEAR*					

* Explain in footnote unusual operating conditions

** All footnotes should be shown on page 12.

*** When operational

STEAM-ELECTRIC PLANT AIR AND WATER QUALITY CONTROL DATA
PART I - AIR QUALITY CONTROL DATA

COMPANY NAME

PLANT NAME

COMPANY - PLANT CODE	REPORT FOR YEAR ENDED DECEMBER 31, 19 ______

SCHEDULE C - Disposal of Products Collected from Combustion Cycle at Plant

LINE NO.	(a)	LIMESTONE (b)	DOLOMITE (c)	OTHER ** (d)	CHECK FOR FOOTNOTE (e) ***
01	AMOUNT OF ADDITIVES USED (1000 tons)*				

LINE NO.	PRODUCT (a)	QUANTITIES (1000 tons)*						CHECK FOR FOOTNOTE (h) ***
		TOTAL COLLECTED **** (b)	SOLD (c)	PAID DISPOSAL (d)	LAND FILL (e)	WATER DISPOSAL (f)	OTHER DISPOSAL (g)	
02	FLYASH							
03	BOTTOM ASH							
04	ELEMENTAL SULFUR							
05	SULFURIC ACID *****							
06	SULFUR DIOXIDE							
07	OTHER SULFUR PRODUCTS**							
08	OTHER PRODUCTS **							

* Report all quantities to nearest 0.1 thousand tons.

** Specify in footnote

*** All footnotes should be shown on page 12.

**** Total of products collected (column "b") should approximate the sum of columns "c" through "g".

***** Enter purity of acid: ______ % by weight.

SCHEDULE D - Air Quality Control, Plant Operation and Maintenance Expenses

LINE NO.	CHARGED TO: (a)	AMOUNT ($1000) (b)	CHECK FOR FOOTNOTE 1/ (c)
09	FLYASH COLLECTION AND DISPOSAL	$	
10	BOTTOM ASH COLLECTION AND DISPOSAL		
11	SULFUR AND SULFUR PRODUCT COLLECTION AND DISPOSAL		
12	COLLECTION AND DISPOSAL OF OTHER PRODUCTS FROM FLUE GAS (SPECIFY IN FOOTNOTE)		
13	OTHER AIR QUALITY CONTROL EXPENSES (SPECIFY IN FOOTNOTE)		
14	TOTAL AIR QUALITY CONTROL EXPENSE (TOTAL OF LINES 09 THROUGH 13)		
	REVENUES FROM AIR QUALITY CONTROL OPERATIONS:		
15	SALES OF FLYASH (IF SOLD AS FLYASH)		
16	SALES OF BOTTOM ASH (IF SOLD AS BOTTOM ASH)		
17	SALES OF FLYASH AND BOTTOM ASH (IF SOLD INTERMINGLED)		
18	SALES OF SULFUR AND SULFUR PRODUCTS		
19	OTHER REVENUES FROM AIR QUALITY CONTROL OPERATIONS (SPECIFY IN FOOTNOTE)		
20	TOTAL BY-PRODUCT SALES REVENUE FROM AIR QUALITY CONTROL OPERATIONS (TOTAL OF LINES 15 THROUGH 19)		

1/ All footnotes should be shown on page 12.

STEAM-ELECTRIC PLANT AIR AND WATER QUALITY CONTROL DATA

PART I - AIR QUALITY CONTROL DATA

INSTRUCTIONS - Schedule E - Equipment (Design Parameters)

1. Report every five years, or as specified in item (5) of General Instructions, page ii.

2. Report separate data for each boiler and stack: Indicate which equipment and stack(s) are connected to which boiler by showing data for connected equipment in the same column.

3. Fuel consumption should be reported as follows: Coal in tons per hour, Oil in barrels per hour, Gas in thousand cubic feet per hour.

4. Total air flow during full load is to be reported in standard cubic feet per minute and also in terms of the percent of theoretical stoichiometric at 60°F and atmospheric pressure.

5. If more than one unit of one category of flue gas cleaning equipment serves a boiler, show the data for each unit and indicate the combined efficiency and the net emission rate.

6. If a unit of flue gas cleaning equipment is multipurpose, indicate the efficiency and the mass emission rate for each emittant.

7. Design efficiency of flue gas cleaning equipment is to be stated as the percent by weight of emittant removed from the flue effluent when a plant and flue gas cleaning equipment and the associated boiler(s) operate at design capacity.

8. The design mass emission rate should be expressed in pounds of particulate matter or pounds of SO_2 (sulfur dioxide) per hour at the outlet from the flue gas cleaning equipment. It should be expressed in pounds of particulate or in pounds of specified other material collected under design conditions of both the plant and the flue gas cleaning equipment and the associated boiler(s), using current fuels.

9. The flue gas rate should be expressed in terms of actual cubic feet per minute at the top of the stack.

10. The exit gas temperature should be expressed in degrees Fahrenheit at the top of the stack.

11. The exit gas velocity should be expressed in feet per second at the top of the stack.

12. Cost should be reported as the original costs recorded on the utility's books of accounts and unitized as prescribed in the FPC List of Units of Property effective January 1, 1961. It is realized certain items called for in this report are not specifically unitized in the referenced list of property units. In this case the most accurate figure available is desired. In the case of stacks without foundation, include the stack cost plus those added costs which are essential to the stack operation and support.

13. All footnotes should be shown on page 12.

STEAM-ELECTRIC PLANT AIR AND WATER QUALITY CONTROL DATA
PART I - AIR QUALITY CONTROL DATA

COMPANY NAME

PLANT NAME

COMPANY - PLANT CODE

REPORT FOR YEAR ENDED DECEMBER 31, 19 ______

SCHEDULE E - Equipment (Design Parameters)

PLEASE CIRCLE THE APPROPRIATE NUMBER:
(1) Regular Plant Report
(2) Placed in Operation during year
(3) Altered during year
(4) Not previously reported
(5) Amended report

LINE NO.	Section 1 - Boiler Data (a)	BOILER NO. (b)	BOILER NO. (c)	BOILER NO. (d)	BOILER NO. (e)	CHECK FOR FOOTNOTE (f) **
01	BOILER NUMBER(S)					
02	SERVED BY STACK NUMBER					
03	RELATED TO GENERATOR NUMBER					
04	BOILER MANUFACTURER (Code as shown below)*					
05	YEAR BOILER PLACED IN SERVICE					
06	ASSOCIATED TURBO-GENERATING CAPACITY (Megawatts)					
07	MAXIMUM CONTINUOUS STEAM CAPACITY (Thousand pounds/hour)					
	DESIGN FUEL CONSUMPTION: 100% RATING					
08	COAL (Tons/hour)					
09	RESIDUAL OIL (Barrels/hour)					
10	GAS (Thousand cubic feet/hour)					
	PERCENT BOILER EFFICIENCY					
11	AT 100% LOAD					
12	AT 75% LOAD					
13	AT 50% LOAD					
	AIR FLOW AT 100% LOAD					
14	TOTAL AIR, STANDARD CUBIC FEET/MINUTE (incl. Excess Air)					
15	PERCENT EXCESS AIR USED					
16	WET OR DRY BOTTOM - (Code as "Wet" or "Dry")(For Coal only)					
17	FLYASH REINJECTION - (Code "Yes" or "No")					
18	TYPE OF FIRING (Code as shown below)***					

* BOILER MANUFACTURERS:

B&W	The Babcock & Wilcox Co.
CE	Combustion Engineering, Inc.
ERIG	Erie City Iron Works
FW	Foster Wheeler Corp.
RILY	Riley Stoker Corp.
VOGT	Henry Vogt Machine Co., Inc.
OTHE	Other (Specify in footnote)

** All footnotes should be shown on page 12.

*** TYPE OF FIRING (Where applicable, use more than one code):

PCFR	Pulverized Coal: Front Firing
PCOP	Pulverized Coal: Opposed Firing
PCTA	Pulverized Coal: Tangential Firing
CYCL	Cyclone
SPRE	Spreader Stoker
OSTO	Other Stoker
FLUI	Fluidized Bed
RFRO	Residual Oil: Front Firing
ROPP	Residual Oil: Opposed Firing
RTAN	Residual Oil: Tangential Firing
GFRO	Gas: Front Firing
GOPP	Gas: Opposed Firing
GTAN	Gas: Tangential Firing
OTHE	Other (Specify in footnote)

STEAM-ELECTRIC PLANT AIR AND WATER QUALITY CONTROL DATA
PART I - AIR QUALITY CONTROL DATA

COMPANY NAME

PLANT NAME

COMPANY - PLANT CODE

REPORT FOR YEAR ENDED DECEMBER 31, 19 _____

SCHEDULE E - Equipment (Design Parameters) - Continued

Section 2 - Flue Gas Cleaning Equipment Data

LINE NO.	(a)	BOILER NO. (b)	BOILER NO. (c)	BOILER NO. (d)	BOILER NO. (e)	CHECK FOR FOOTNOTE (f) 1/
	BOILER NUMBERS (Enter same Boiler Numbers as indicated on page 9, line 01)					
	FLUE GAS CLEANING EQUIPMENT MECHANICAL COLLECTORS					
19	TYPE (Code as shown below)*					
20	DESIGN EFFICIENCY (Percent)					
21	MASS EMISSION RATE (Pounds per hour)**					
22	YEAR PLACED IN SERVICE					
23	INSTALLED COST (Thousands of dollars)***........					
24	MANUFACTURER (Code as shown below)****					
	ELECTROSTATIC AND COMBINATION MECHANICAL-ELECTRICAL PRECIPITATORS					
25	TYPE (Code as "E" or "C")					
26	DESIGN EFFICIENCY (Percent)					
27	MASS EMISSION RATE (Pounds per hour)**					
28	YEAR PLACED IN SERVICE					
29	INSTALLED COST (Thousands of dollars)***........					
30	MANUFACTURER (Code as shown below)****					
	DESULFURIZATION SYSTEM					
31	TYPE (Indicate by footnote).....................					
32	DESIGN EFFICIENCY (Percent)					
33	MASS EMISSION RATE (Pounds per hour)**..........					
34	YEAR PLACED IN SERVICE					
35	INSTALLED COST (Thousands of dollars)***					
36	MANUFACTURER (Specify in footnote)					
	OTHER FLUE GAS CLEANING EQUIPMENT					
37	TYPE (Indicate by footnote).....................					
38	DESIGN EFFICIENCY (Percent)					
39	MASS EMISSION RATE (Pounds per hour)**					
40	YEAR PLACED IN SERVICE					
41	INSTALLED COST (Thousands of dollars)***........					
42	MANUFACTURER (Specify in footnote)					

1/All footnotes should be shown on page 12.

* Mechanical Collectors - Type (If more than one type is used in a series, indicate all applicable codes and explain in footnote).

GRAV - Gravitational or baffled chamber
SCTA - Single cyclone-Conventional reverse flow, tangential inlet
SCAX - Single cyclone-Conventional reverse flow, axial inlet
MCTA - Multiple cyclones-Conventional reverse flow; tangential inlet.
MCAX - Multiple cyclones-Conventional reverse flow; axial inlet

CYCL - Straight-through-flow cyclones
IMPE - Impeller collector
VENT - Wet collector: Venturi
WETC - Wet Collector: Other (Specify in footnote)
BAGH - Baghouse (Fabric Collector)
OTHE - Other (Specify in footnote)

** Pounds per hour = $\frac{\text{Grains/Actual Cu.Ft./ X /Actual Cu.Ft.Vol./Hr./}}{\text{7000/Grains/Pound}}$

*** See Instruction 12, page 6.

**** Flue Gas Cleaning Equipment Manufacturers (See page 11 for Codes)

STEAM-ELECTRIC PLANT AIR AND WATER QUALITY CONTROL DATA
PART I - AIR QUALITY CONTROL DATA

COMPANY NAME

PLANT NAME

COMPANY - PLANT CODE

REPORT FOR YEAR ENDED DECEMBER 31, 19 ______

SCHEDULE E - Equipment (Design Parameters) - Continued

Section 3 - Stack Data

LINE NO.	(a)	STACK NUMBER (b)	STACK NUMBER (c)	STACK NUMBER (d)	STACK NUMBER (e)	CHECK FOR FOOTNOTE* (f)
43	STACK NUMBERS					
44	INSTALLED COST (Thousands of dollars)(Instruction 12, page 8)					
45	STACK HEIGHT (Feet above Ground Elevation)					
46	INSIDE DIAMETER OF FLUE AT TOP (Inches)					
	FLUE GAS RATE (CUBIC FEET/MINUTE)					
47	AT 100% LOAD					
48	AT 75% LOAD					
49	AT 50% LOAD					
	EXIT GAS TEMPERATURE (DEGREES FARENHEIT)					
50	AT 100% LOAD					
51	AT 75% LOAD					
52	AT 50% LOAD					
	EXIT GAS VELOCITY (FEET/SECOND)					
53	AT 100% LOAD					
54	AT 75% LOAD					
55	AT 50% LOAD					
56	DISTANCE TO NEXT STACK, CENTER TO CENTER (FEET)**					
57	ORIENTATION OF LINE OF STACKS - DEGREES CLOCKWISE FROM TRUE NORTH**					

* All footnotes should be shown on page 12.

** Show position of stacks by stack number to correspond with the identification in line 43. Enter true north on the diagram.

Stacks Orientation Diagram:

FLUE GAS CLEANING EQUIP. MANUFACTURERS (See pg. 10)

AAFC - American Air Filter Co., Inc.
AMST - American Standard, Inc.
BELC - Belco Pollution Control Corp.
BUEL - Buell Engineering Co., Inc.
DUCO - The Ducon Co., Inc.
FIKL - Fischer-Klosterman, Inc.
FULL - Fuller Co., Draco Products
KIRK - Kirk & Blum Manufacturing Co.
KOPP - Koppers Co., Inc.
PPCI - Precipitair Pollution Control, Inc.
PAOA - Precipitation Associates of America, Inc.
PLVR - Pulverizing Machinery Division
COTT - Research-Cottrell, Inc.
SVRS - Seversky Electronatom Corp.
UOP - UOP Air Correction Division
TORI - The Torit Corp.
WEST - Western Precipitation Division
WHEE - Wheelabrator Corp.
ZURN - Zurn Industries, Inc.
OTHE - Other (Specify in footnote)

STEAM-ELECTRIC PLANT AIR AND WATER QUALITY CONTROL DATA
PART I - AIR QUALITY CONTROL DATA

COMPANY NAME

PLANT NAME

COMPANY - PLANT CODE

REPORT FOR YEAR ENDED DECEMBER 31, 19 ______

FOOTNOTES

FOOTNOTE FOR:			FOOTNOTE	
PAGE	SHEET	LINE	CODE *	TEXT

* Code in order - Schedule, Section, Line, and Column.

Sheet ______

STEAM-ELECTRIC PLANT AIR AND WATER QUALITY CONTROL DATA

PART II - WATER QUALITY CONTROL DATA

(Applicable to Nuclear and Fossil Fueled Steam-Electric Plants)

Schedules A and B

Instructions

1. Report annually.
2. All footnotes should be shown on page 20.
3. General instructions on pages i and ii also apply to this part of the form.

Schedule A - Operational Data

Instructions

1. In Section 1, the cooling water withdrawals should include amounts taken from lakes, reservoirs, streams, wells, estuaries and the ocean. When a utility-owned cooling pond is used, show only the makeup quantities taken from the supplying water bodies. The discharges should include the amounts of water returned to the water bodies.

2. In Section 2, the maximum temperature "at diversion" refers to the water temperature in the water body prior to any effect by the plant or diverting facilities. The maximum temperature "at outfall" refers to the water temperature of the cooling water immediately before it joins the water body. It includes the effects of all devices used to reduce the temperature.

Schedule B - Operation and Maintenance Expenses

Instructions

1. The operation and maintenance expenses in Section 1 should include such expenses for pumps, ponds, cooling towers, fans, cooling water intakes and outlets, piping, and other costs associated with cooling water operation. The operation and maintenance expenses for condenser operation should not be included. Costs should be in accordance with the FPC Uniform System of Accounts prescribed for Public Utilities and Licensees.

2. The cost of chemical additives should be excluded from the operation and maintenance expenses and shown separately as indicated.

STEAM-ELECTRIC PLANT AIR AND WATER QUALITY CONTROL DATA
PART II - WATER QUALITY CONTROL DATA
(Applicable to Nuclear and Fossil Fueled Steam-Electric Plants)

COMPANY NAME			REPORT FOR YEAR ENDED DECEMBER 31, 19____
PLANT NAME			COMPANY - PLANT CODE
PLANT CAPACITY - MW	STATE	COUNTY	POST OFFICE AND ZIP CODE

SCHEDULE A - OPERATIONAL DATA

Section 1 - Average Annual Cooling Water Use of Plant - CFS

LINE NO.	(a)	(b)	CHECK FOR FOOTNOTE * (c)
01	AVERAGE RATE OF WITHDRAWAL FROM WATER BODY DURING YEAR		
02	AVERAGE RATE OF DISCHARGE TO WATER BODY DURING YEAR		
03	AVERAGE RATE OF CONSUMPTION DURING YEAR		

Section 2 - Maximum Water Temperatures and Average Stream Flows During Months of Winter and Summer System Peak Power Loads

LINE NO.	WINTER PEAK LOAD MONTH ____________ **			SUMMER PEAK LOAD MONTH ____________ **			CHECK FOR FOOTNOTE * (g)
	MAXIMUM TEMPERATURE OF		MONTHLY AVERAGE FLOW IN RECEIVING WATER BODY, CFS	MAXIMUM TEMPERATURE OF		MONTHLY AVERAGE FLOW IN RECEIVING WATER BODY, CFS	
	AT DIVERSION (a)	AT OUTFALL (b)	(c)	AT DIVERSION (d)	AT OUTFALL (e)	(f)	
04							

Section 3 - Amount of Chemicals used During the Year

LINE NO.	(a)	PHOSPHATE LBS. (b)	CAUSTIC SODA LBS. (c)	HYDRAZINE GALS. (d)	LIME LBS. (e)	ALUM. LBS. (f)	CHLORINE LBS. (g)	OTHER (h)	CHECK FOR FOOTNOTE * (i)
05	COOLING WATER								
06	BOILER WATER MAKEUP								

SCHEDULE B - OPERATION AND MAINTENANCE EXPENSES, $1,000

Section 1 - Cooling Water Operation at Plant

LINE NO.	(a)	(b)	CHECK FOR FOOTNOTE * (c)
07	ANNUAL OPERATION AND MAINTENANCE EXPENSES		
08	ANNUAL COST OF CHEMICAL ADDITIVES		

Section 2 - Boiler Water Makeup and Boiler Blowdown Treatment

LINE NO.	(a)	(b)	CHECK FOR FOOTNOTE * (c)
09	ANNUAL OPERATION AND MAINTENANCE EXPENSES		
10	ANNUAL COST OF CHEMICAL ADDITIVES		

* All footnotes should be shown on page 20.
** Specify month.

FPC Form 67
Rev (6-70)

STEAM-ELECTRIC PLANT AIR AND WATER QUALITY CONTROL DATA

PART II - WATER QUALITY CONTROL DATA

Instructions

Schedules C, D, E, and F

1. Report every five (5) years, or as specified in item (5) of General Instructions, page i.
2. If more than one sheet is required for any pages label them, for example, as page 16, sheet 1; page 16, sheet 2; respectively.
3. Assign the same unit designation to a specific unit throughout the entire Part II of the form.
4. All footnotes should be shown on page 20.

Schedule C - Water Use Authority and Limiting Criteria

1. Footnote and explain if equipment for monitoring cooling water temperatures is located at other than points of diversion and outfall.
2. If requested distances do not properly define mixing zone, footnote and describe in necessary detail.

Schedule D - Cooling Facilities

1. In Section 1, footnote and explain any seasonal use of cooling facilities.
2. Show by footnote in Section 3 if spray ponds are used.
3. The costs called for in Sections 2, 3, and 4 should be reported as the original costs reported on the utility's books of accounts and unitized as prescribed in the FPC List of Units of Property effective January 1, 1961. In case certain items are not specifically unitized in the referenced list of property units, the most accurate figure available is desired. The costs should include amounts for such items as pumps, piping, canals, ducts, intake and discharge structures, dams and dikes, reservoirs, cooling towers, and appurtenant equipment. The costs of condensers should not be included.
4. In Section 4, show the water cooling range as the number of degrees (F) the water is designed to be cooled in the cooling equipment.

Schedule E - Cooling Water Supply

1. The dependable flow requested is the seven-day average low flow discharge expected to occur not more frequently than once in 10 years.
2. In Section 2, include such other uses of cooling ponds as fishing, boating, camping, hiking, residential development, and industrial development.

STEAM-ELECTRIC PLANT AIR AND WATER QUALITY CONTROL DATA
PART II - WATER QUALITY CONTROL DATA

COMPANY NAME	
PLANT NAME	
COMPANY - PLANT CODE	REPORT FOR YEAR ENDED DECEMBER 31, 19____

SCHEDULE C - WATER USE AUTHORITY AND LIMITING CRITERIA

LINE NO.	(a)	(b)	CHECK FOR FOOTNOTE * (c)
01	ISSUING AUTHORITIES OF LICENSES OR PERMITS: COUNTY, STATE, FEDERAL, OR OTHER. LIST AND DESCRIBE AUTHORITIES IN FOOTNOTE.		
02	FREQUENCY OF TEMPERATURE MONITORING OF COOLING WATER EFFLUENT: CONTINUOUSLY (C), HOURLY (H), DAILY (D), OR OTHER (O). FOOTNOTE AND EXPLAIN IF OTHER.		
03	DISTANCE MIXING ZONE EXTENDS DOWNSTREAM, FT.		
04	DISTANCE MIXING ZONE EXTENDS FROM SHORE, FT.		

LINE NO.	(a)	SUMMER (b)	WINTER (c)	CHECK FOR FOOTNOTE * (d)
	MAXIMUM ALLOWABLE TEMPERATURE RISE OF COOLING WATER (°F)			
05	AT OUTFALL TO RECEIVING WATER BODY			
06	AT LIMITS OF DEFINED MIXING ZONE			
	MAXIMUM ALLOWABLE TEMPERATURE OF COOLING WATER (°F)			
07	AT OUTFALL TO RECEIVING WATER BODY			
08	AT LIMITS OF DEFINED MIXING ZONE			

SCHEDULE D - COOLING FACILITIES

SECTION 1 - GENERAL DESIGN DATA

LINE NO.	(a)	(b)	(c)	(d)	(e)	CHECK FOR FOOTNOTE * (f)
09	GENERATING UNIT IDENTIFICATION NUMBER					
10	RATED GENERATING CAPACITY, MW					
11	TYPE COOLING: ONCE-THROUGH, FRESH (OTF); ONCE-THROUGH, SALINE (OTS); COOLING POND (CP); WET COOLING TOWER (WCT); DRY COOLING TOWER (DCT); COMBINATION (CB). FOOTNOTE AND EXPLAIN COMBINATIONS.					
12	YEAR COOLING FACILITIES INSTALLED					
13	DESIGNED TEMPERATURE RISE ACROSS THE CONDENSER, °F					
14	DESIGNED RATE OF FLOW THROUGH THE CONDENSER, CFS					

* ALL FOOTNOTES SHOULD BE SHOWN ON PAGE 20.

STEAM-ELECTRIC PLANT AIR AND WATER QUALITY CONTROL DATA
PART II - WATER QUALITY CONTROL DATA

COMPANY NAME

PLANT NAME

COMPANY - PLANT CODE

REPORT FOR YEAR ENDED DECEMBER 31, 19____

SCHEDULE D - COOLING FACILITIES - Continued

LINE NO.	SECTION 2 - ONCE THROUGH COOLING (a)	(b)	(c)	(d)	(e)	CHECK FOR FOOTNOTE * (f)
15	DESIGNED RATE OF WITHDRAWL AT FULL LOAD, CFS					
16	INTAKE LOCATIONS: 1/ DIRECTION FROM CENTER OF PLANT, DEGREES					
17	DISTANCE FROM CENTER OF PLANT, FT.					
18	DISTANCE FROM SHORE, FT.					
19	AVERAGE DISTANCE BELOW WATER SURFACE, FT.					
20	OUTFALL LOCATIONS: 1/ DIRECTION FROM CENTER OF PLANT, DEGREES					
21	DISTANCE FROM CENTER OF PLANT, FT.					
22	DISTANCE FROM SHORE, FT.					
23	AVERAGE DISTANCE BELOW WATER SURFACE, FT.					
24	ARE DIFFUSERS USED? FOOTNOTE AND DESCRIBE IF "YES."					
25	INSTALLED COSTS, $1,000 **					

LINE NO.	SECTION 3 - COOLING PONDS (a)	(b)	(c)	(d)	(e)	CHECK FOR FOOTNOTE * (f)
26	TOTAL SURFACE AREA, ACRES					
27	TOTAL VOLUME, ACRE-FEET					
28	INSTALLED COSTS, $1,000 **					

LINE NO.	SECTION 4 - COOLING TOWERS (a)	(b)	(c)	(d)	(e)	CHECK FOR FOOTNOTE * (f)
29	TYPE DRAFT-MECHANICAL (M), NATURAL (N)					
30	LENGTH, IF APPLICABLE, FEET					
31	WIDTH OR DIAMETER AT BASE, FEET					
32	HEIGHT, FEET					
33	WATER COOLING RANGE, °F					
34	INSTALLED COSTS, $1,000 **					

1/ ALTHOUGH NOT REQUIRED, A SKETCH SHOWING THE LAYOUT OF THE COOLING SYSTEM IS DESIRABLE.
* ALL FOOTNOTES SHOULD BE SHOWN ON PAGE 20.
** See instruction 3, Schedule D, page 15.

STEAM-ELECTRIC PLANT AIR AND WATER QUALITY CONTROL DATA
PART II - WATER QUALITY CONTROL DATA

COMPANY NAME

PLANT NAME

COMPANY - PLANT CODE

REPORT FOR YEAR ENDED DECEMBER 31, 19____

SCHEDULE E - COOLING WATER SUPPLY

SECTION 1 - ONCE THROUGH COOLING

LINE NO.	SOURCE(S) OF WATER	7-DAY, 10 YEAR DEPENDABLE FLOW CFS	AVERAGE FLOW CFS	GENERATING UNITS SERVED				CHECK FOR FOOTNOTE *
				NO	NO	NO	NO	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
01								
02								
03								

FOOTNOTE AND EXPLAIN ANY DISCHARGE INTO A DIFFERENT BODY OF WATER, AND WHEN DISCHARGE IS OTHER THAN DOWNSTREAM FROM WATER INTAKE LOCATION.

SECTION 2 - COOLING PONDS

LINE NO.	SOURCE(S) OF WATER	7-DAY, 10 YEAR DEPENDABLE FLOW CFS	AVERAGE FLOW CFS	GENERATING UNITS SERVED				CHECK FOR FOOTNOTE *
				NO	NO	NO	NO	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
04								
05								
06								
07	PERIOD OF YEAR POND IS USED FOR COOLING							
08	OTHER USES OF POND							

SECTION 3 - COOLING TOWERS

LINE NO.	TOWER NO.	SOURCE(S) OF MAKEUP WATER	PERIOD OF YEAR USED FOR COOLING	LOCATION OF BLOWDOWN DISCHARGE	GENERATING UNITS SERVED				CHECK FOR FOOTNOTE *
					NO	NO	NO	NO	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
09									
10									
11									
12									
13									

* ALL FOOTNOTES SHOULD BE SHOWN ON PAGE 20.

STEAM-ELECTRIC PLANT AIR AND WATER QUALITY CONTROL DATA
PART II - WATER QUALITY CONTROL DATA

COMPANY NAME	
PLANT NAME	
COMPANY - PLANT CODE	REPORT FOR YEAR ENDED DECEMBER 31, 19_____

SCHEDULE F - WATER TREATMENT

SECTION 1 - SETTLING PONDS FOR BOILER WATER BLOWDOWN

LINE NO.		EVACUATION PROCEDURE AND FREQUENCY OF CLEANING		ESTIMATED		DISCHARGE VOLUME CU. FT. PER YR.	NAME OF WATER BODY RECEIVING THE DISCHARGE	CHECK FOR FOOTNOTE *
	(a)	METHOD (b)	(TIMES PER YEAR) (c)	P^H (d)	SUSPENDED SOLIDS PPM (e)	(f)	(g)	(h)
01	FIRST POND							
02	SECOND POND							

SECTION 2 - SETTLING PONDS FOR BOTTOM ASH

LINE NO.		EVACUATION PROCEDURE AND FREQUENCY CF CLEANING		ESTIMATED		DISCHARGE VOLUME CU. FT. PER YR.	NAME OF WATER BODY RECEIVING THE DISCHARGE	CHECK FOR FOOTNOTE *
	(a)	METHOD (b)	(TIMES PER YEAR) (c)	P^H (d)	SUSPENDED SOLIDS PPM (e)	(f)	(g)	(h)
03	FIRST POND							
04	SECOND POND							

LINE NO.	(a)	SOURCE OF SLUICING AND CLEANING WATER (b)	AMOUNT OF ASH TREATED TONS PER YEAR (c)	CHECK FOR FOOTNOTE * (d)
05	FIRST POND			
06	SECOND POND			

SECTION 3 - PROVISIONS FOR PLANT SEWAGE DISPOSAL

LINE NO.	(a)	CODE (b)	CHECK FOR FOOTNOTE * (c)
07	CODE FOR PUBLIC SEWER (PS), SEPTIC TANK (ST) SURFACE WATER BODY (SW), OR OTHER (OT). FOOTNOTE IF OTHER AND EXPLAIN.		

LINE NO.	EFFLUENT TREATMENT DESIGN: (a)	BOD PPM (b)	P^H (c)	PHOSPHATES PMM (d)	OTHER (e)	CHECK FOR FOOTNOTE * (f)
08	BEFORE TREATMENT					
09	AFTER TREATMENT					
10	WATER BODY RECEIVING THE DISCHARGE					

* ALL FOOTNOTES SHOULD BE SHOWN ON PAGE 20.

STEAM-ELECTRIC PLANT AIR AND WATER QUALITY CONTROL DATA
PART II - WATER QUALITY CONTROL DATA

COMPANY NAME

PLANT NAME

COMPANY - PLANT CODE

REPORT FOR YEAR ENDED DECEMBER 31, 19 ____

FOOTNOTES

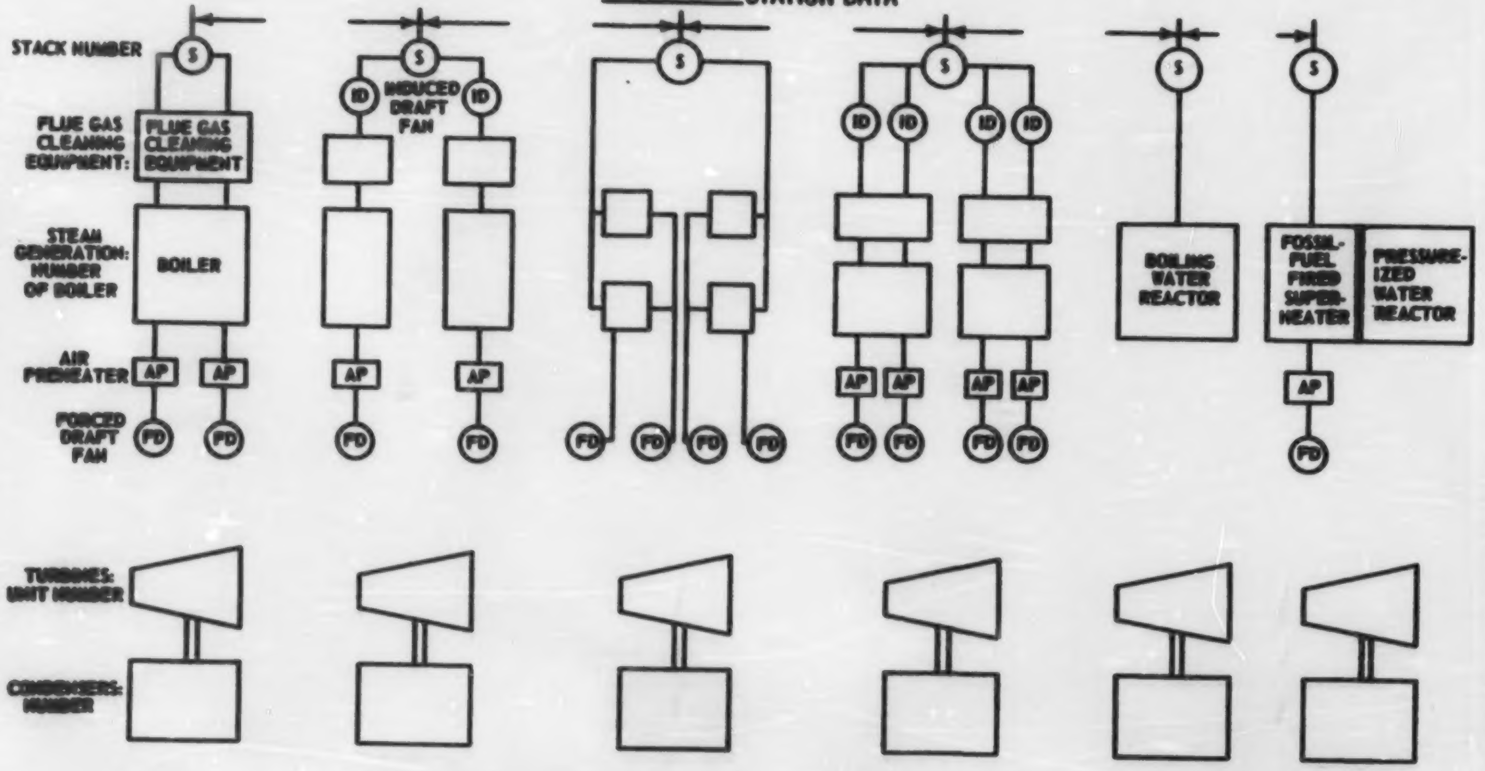
FOOTNOTE FOR:			FOOTNOTE	
PAGE	SHEET	LINE	CODE *	TEXT

* Code in order - Schedule, Section, Line, and Column.

Sheet ________

SPECIMEN STATION ONE-LINE DIAGRAM

__________ STATION DATA
(Plant Code)


STACK NUMBER
S
FLUE GAS CLEANING EQUIPMENT:
FLUE GAS CLEANING EQUIPMENT
INDUCED DRAFT FAN
ID
STEAM GENERATION: NUMBER OF BOILER
BOILER
BOILING WATER REACTOR
FOSSIL-FUEL FIRED SUPER-HEATER
PRESSURE-IZED WATER REACTOR
AIR PREHEATER
AP
FORCED DRAFT FAN
FD
TURBINES: UNIT NUMBER
CONDENSERS: NUMBER

Note:
Number all stacks, boilers, generators, and condensers with the same identification numbers used throughout the form.

____
(ENGINEER'S SIGNATURE)

ENGINEER'S SEAL

COMPANY NAME		
PLANT NAME		
REVISION NO.	DATE	DRAWING NO.

ATTACHMENT
To Form 67

DEFINITION OF BITUMINOUS COAL AND LIGNITE PRODUCING DISTRICTS

DISTRICT 1.—EASTERN PENNSYLVANIA

Pennsylvania

Armstrong County (part).—All mines east of the Allegheny River, and those mines served by the Pittsburgh & Shawmut Railroad located on the west bank of the river.

Fayette County (part).—All mines located on and east of the line of Indian Creek Valley branch of the Baltimore & Ohio Railroad.

Indiana County (part).—All mines not served by the Saltsburg branch of the Pennsylvania Railroad.

Westmoreland County (part).—All mines served by the Pennsylvania Railroad from Torrance, east.

All mines in the following counties:

Bedford
Blair
Bradford
Cambria
Cameron
Centre
Clarion
Clearfield
Clinton
Elk
Forest
Fulton
Huntingdon
Jefferson
Lycoming
McKean
Mifflin
Potter
Somerset
Tioga

Maryland.—All mines in the State.

West Virginia.—All mines in the following counties:

Grant
Mineral
Tucker

DISTRICT 2.—WESTERN PENNSYLVANIA

Pennsylvania

Armstrong County (part).—All mines west of the Allegheny River except those mines served by the Pittsburgh & Shawmut Railroad.

Fayette County (part).—All mines except those on and east of the line of Indian Creek Valley branch of the Baltimore & Ohio Railroad.

Indiana County (part).—All mines served by the Saltsburg branch of the Pennsylvania Railroad.

Westmoreland County (part).—All mines except those served by the Pennsylvania Railroad from Torrance, east.

All mines in the following counties:

Allegheny
Beaver
Butler
Greene
Lawrence
Mercer
Venango
Washington

DISTRICT 3.—NORTHERN WEST VIRGINIA

West Virginia

Nicholas County (part).—All mines served by or north of the Baltimore & Ohio Railroad.

All mines in the following counties:

Barbour
Braxton
Calhoun
Doddridge
Gilmer
Harrison
Jackson
Lewis
Marion
Monongalia
Pleasants
Preston
Randolph
Ritchie
Roane
Taylor
Tyler
Upshur
Webster
Wetzel
Wirt
Wood

DISTRICT 4.—OHIO.—All mines in the State.

DISTRICT 5.—MICHIGAN.—All mines in the State.

DISTRICT 6.—PANHANDLE

West Virginia.—All mines in the following counties:

Brooke
Hancock
Marshall
Ohio

DISTRICT 7.—SOUTHERN NO. 1

West Virginia

Fayette County (part).—All mines east of Gauley River and all mines served by the Gauley River branch of the Chesapeake & Ohio Railroad and mines served by the Virginian Railway.

McDowell County (part).—All mines in that portion of the county served by the Dry Fork Branch of the Norfolk & Western Railroad and east thereof.

Raleigh County (part).—All mines except those on the Coal River Branch of the Chesapeake & Ohio Railroad and north thereof.

Wyoming County (part).—All mines in that portion served by the Gilbert branch of the Virginian Railway lying east of the mouth of Skin Fork of Guyandot River and in that portion served by the main line and the Glen Rogers branch of the Virginian Railway.

All mines in the following counties:

Greenbrier
Mercer
Monroe
Pocahontas
Summers

Virginia

Buchanan County (part).—All mines in that portion of the county served by the Richlands-Jewell Ridge branch of the Norfolk & Western Railroad and in that portion on the headwaters of Dismal Creek east of Lynn Camp Creek (a tributary of Dismal Creek).

Tazewell County (part).—All mines in those portions of the county served by the Dry Fork branch to Cedar Bluff and from Bluestone Junction to Boissevain branch of the Norfolk & Western Railroad and Richlands-Jewell Ridge branch of the Norfolk & Western Railroad.

All mines in the following counties:

Montgomery
Pulaski
Wythe
Giles
Craig

DISTRICT 8.—SOUTHERN NO. 2

West Virginia

Fayette County (part).—All mines west of the Gauley River except mines served by the Gauley River branch of the Chesapeake & Ohio Railroad.

McDowell County (part).—All mines west of and not served by the Dry Fork branch of the Norfolk & Western Railroad.

Nicholas County (part).—All mines in that part of the county south of and not served by the Baltimore & Ohio Railroad.

Raleigh County (part).—All mines on the Coal River branch of the Chesapeake & Ohio Railroad and north thereof.

DISTRICT 8.—SOUTHERN NO. 2—Continued

West Virginia—Continued

Wyoming County (part).—All mines in that portion served by the Gilbert branch of the Virginian Railway and lying west of the mouth of Skin Fork of Guyandot River.

All mines in the following counties:

Boone
Cabell
Clay
Kanawha
Lincoln
Logan
Mason
Mingo
Putnam
Wayne

Virginia

Buchanan County (part).—All mines in the county, except in that portion on the headwaters of Dismal Creek, east of Lynn Camp Creek (a tributary of Dismal Creek) and in that portion served by the Richlands-Jewell Ridge branch of the Norfolk & Western Railroad.

Tazewell County (part).—All mines in the county except in those portions served by the Dry Fork branch of the Norfolk & Western Railroad and branch from Bluestone Junction to Boissevain of Norfolk & Western Railroad and Richlands-Jewell Ridge branch of the Norfolk & Western Railroad.

All mines in the following counties:

Dickinson
Lee
Russell
Scott
Wise

Kentucky.—All mines in the the following counties in eastern Kentucky:

Bell
Boyd
Breathitt
Carter
Clay
Elliott
Floyd
Greenup
Harlan
Jackson
Johnson
Knott
Knox
Laurel
Lawrence
Lee
Leslie
Letcher
McCreary
Magoffin
Martin
Morgan
Owsley
Perry
Pike
Rockcastle
Wayne
Whitley

Tennessee.—All mines in the following counties:

Anderson
Campbell
Claiborne
Cumberland
Fentress
Morgan
Overton
Roane
Scott

North Carolina.—All mines in the State.

DISTRICT 9.—WEST KENTUCKY

Kentucky.—All mines in the following counties in western Kentucky:

Butler
Christian
Crittenden
Daviess
Hancock
Henderson
Hopkins
Logan
McLean
Muhlenberg
Ohio
Simpson
Todd
Union
Warren
Webster

DISTRICT 10.—ILLINOIS.—All mines in the State.

DISTRICT 11.—INDIANA.—All mines in the State.

DISTRICT 12.—IOWA.—All mines in the State.

DISTRICT 13.—SOUTHEASTERN

Alabama.—All mines in the State.

Georgia.—All mines in the following counties:

Dade
Walker

Tennessee.—All mines in the following counties:

Bledsoe
Grundy
Hamilton
Marion
McMinn
Rhea
Sequatchie
Van Buren
Warren
White

DISTRICT 14.—ARKANSAS-OKLAHOMA

Arkansas.—All mines in the State.

Oklahoma.—All mines in the following counties:

Haskell
Le Flore
Sequoyah

DISTRICT 15.—SOUTHWESTERN

Kansas.—All mines in the State.

Texas.—All mines in the State.

Missouri.—All mines in the State.

Oklahoma.—All mines in the following counties:

Coal
Craig
Latimer
Muskogee
Okmulgee
Pittsburg
Rogers
Tulsa
Wagoner

DISTRICT 16.—NORTHERN COLORADO

All mines in the following counties in the State:

Adams
Arapahoe
Boulder
Douglas
Elbert
El Paso
Jackson
Jefferson
Larimer
Weld

DISTRICT 17.—SOUTHERN COLORADO

Colorado.—All mines except those included in District 16.

New Mexico.—All mines except those included in District 18.

DISTRICT 18.—NEW MEXICO

New Mexico.—All mines in the following counties:

Grant
Lincoln
McKinley
Rio Arriba
Sandoval
San Juan
San Miguel
Santa Fe
Socorro

Arizona.—All mines in the State.

California.—All mines in the State.

DISTRICT 19.—WYOMING

Wyoming.—All mines in the State.

Idaho.—All mines in the State.

DISTRICT 20.—UTAH.—All mines in the State.

DISTRICT 21.—NORTH DAKOTA-SOUTH DAKOTA.—All mines in North Dakota and South Dakota.

DISTRICT 22.—MONTANA.—All mines in the State.

DISTRICT 23.—WASHINGTON

Washington.—All mines in the State.

Oregon.—All mines in the State.

Alaska.—All mines in the Territory.

Appendix A
To Form 67

NATIONAL AIR QUALITY CONTROL REGIONS
(as of August 31, 1970)

Washington, D. C.
New York City
Chicago
Philadelphia
Denver
Los Angeles
St. Louis
Boston
Cincinnati
San Francisco
Cleveland
Pittsburgh
Buffalo
Kansas City
Detroit
Baltimore
Hartford - Springfield
Indianapolis
Minneapolis - St. Paul
Milwaukee
Providence
Seattle - Tacoma
Louisville
Dayton
Phoenix
Houston
Dallas - Ft. Worth
San Antonio
Birmingham
Toledo
Steubenville
Chattanooga
Charlotte
Atlanta
Memphis
Portland
Beaumont - Port Arthur New Orleans
Miami
Oklahoma City
Omaha
Honolulu
Salt Lake City
Anchorage
Burlington
San Juan
Virgin Islands
Mobile - Gulfport - Pensacola
Youngstown - Erie
Rockford - Janesville
South Bend - Benton Harbor
Menominee - Escanaba - Marinette
Cumberland - Keyser

Form approved. Budget Bureau No. 60-R0330

Form TCS
Page 1

INTERSTATE COMMERCE COMMISSION

ANNUAL REPORT OF FREIGHT COMMODITY STATISTICS

Class I Motor Carriers of Property Operating in Intercity Service—Common and Contract (See instruction 1)

Full name of respondent ....
(If a system report, check here ( ), and under Remarks, page 13, name operating carriers)

For CALENDAR YEAR 1969

Code	Description	Revenue Freight Originated on Respondent's Line				Revenue Freight Received From Connecting Motor Carriers				Total Revenue Freight Carried		Gross Freight Revenue (dollars)	Code
		Terminated on respondent's line		Delivered to connecting motor carriers		Terminated on respondent's line		Delivered to connecting motor carriers					
		Number of truckload shipments	Number of tons (2,000 lbs.)	Number of truckload shipments	Number of tons (2,000 lbs.)	Number of truckload shipments	Number of tons (2,000 lbs.)	Number of truckload shipments	Number of tons (2,000 lbs.)	Number of truckload shipments	Number of tons (2,000 lbs.)		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
01	FARM PRODUCTS T												01
011	Field Crops T												011
0112	Cotton, raw												0112
01121	Cotton in bales												01121
01131	Barley												01131
01132	Corn, except popcorn												01132
01133	Oats												01133
01134	Rice, rough												01134
01135	Rye												01135
01136	Sorghum grains												01136
01137	Wheat, except buckwheat												01137
01139	Grain, nec												01139
0114	Oil seeds, nuts & kernels, exc edbl tree nuts												0114
01144	Soybeans												01144
0115	Field seeds, exc oil seeds												0115
0119	Miscellaneous field crops												0119
01192	Leaf tobacco												01192
01195	Potatoes, other than sweet												01195
01197	Sugar beets												01197
012	Fresh Fruits and Tree Nuts T												012
0121	Citrus fruits												0121
0122	Deciduous fruits												0122
01221	Apples												01221
01224	Grapes												01224
01226	Peaches												01226
0123	Tropical fruits, exc citrus												0123
01232	Bananas												01232
0129	Miscellaneous fresh fruits & tree nuts												0129
01295	Coffee, green												01295
013	Fresh Vegetables T												013
0131	Bulbs, roots, & tubers, w/wo tops exc potatoes												0131
01316	Onions, dry												01316
0133	Leafy fresh vegetables												0133
01334	Celery												01334
01336	Lettuce												01336
0134	Dry ripe veg seeds, etc (exc artificially dried)												0134
01341	Beans, dry ripe												01341
01342	Peas, dry												01342
0139	Miscellaneous fresh vegetables												0139
01392	Watermelons												01392
01394	Tomatoes												01394
01396	Melons, exc watermelons												01396

INTERSTATE COMMERCE COMMISSION
ANNUAL REPORT OF FREIGHT COMMODITY STATISTICS

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	FARM PRODUCTS - Continued												
014	Livestock and Livestock Products T												014
0141	Livestock												0141
01411	Cattle												01411
01413	Hogs and pigs												01413
01414	Sheep and lambs												01414
0142	Dairy farm products, exc pasteurized												0142
0143	Animal fibers												0143
01431	Wool												01431
015	Poultry and Poultry Products T												015
0151	Live poultry												0151
0152	Poultry eggs												0152
019	Miscellaneous Farm Products												019
0191	Horticultural specialties												0191
0192	Animal specialties												0192
08	FOREST PRODUCTS T												08
084	Gums and Barks, Crude												084
08423	Latex and allied gums (crude natural rubber)												08423
086	Miscellaneous Forest Products												086
09	FRESH FISH AND OTHER MARINE PRODUCTS T												09
091	Fresh Fish and Other Marine Products												091
0912	Fresh fish & whale pd, inc frzn unpackaged fish												0912
09131	Shells (oyster, crab, clam, etc)												09131
10	METALLIC ORES T												10
101	Iron Ores												101
10112	Beneficiating-grade ore, crude												10112
102	Copper Ores												102
103	Lead and Zinc Ores												103
1031	Lead ores												1031
1032	Zinc ores												1032
104	Gold and Silver Ores												104
105	Bauxite and Other Aluminum Ores												105
106	Manganese Ores												106
107	Tungsten Ores												107
108	Chromium Ores												108
109	Miscellaneous Metal Ores												109

Form TCS
Page 3

INTERSTATE COMMERCE COMMISSION
ANNUAL REPORT OF FREIGHT COMMODITY STATISTICS

Full name of respondent ....

For CALENDAR YEAR 1969

Code	Description	Revenue Freight Originated on Respondent's Line				Revenue Freight Received From Connecting Motor Carriers				Total Revenue Freight Carried		Gross Freight Revenue (dollars)	Code
		Terminated on respondent's line		Delivered to connecting motor carriers		Terminated on respondent's line		Delivered to connecting motor carriers					
	(a)	Number of truckload shipments (b)	Number of tons (2,000 lbs.) (c)	Number of truckload shipments (d)	Number of tons (2,000 lbs.) (e)	Number of truckload shipments (f)	Number of tons (2,000 lbs.) (g)	Number of truckload shipments (h)	Number of tons (2,000 lbs.) (i)	Number of truckload shipments (j)	Number of tons (2,000 lbs.) (k)	(l)	
11	COAL T												11
111	Anthracite												111
11111	Raw anthracite												11111
11112	Cleaned or prepared anthra. (crshd. scrnd or sized)												11112
112	Bituminous Coal and Lignite												112
1121	Bituminous coal												1121
13	CRUDE PETRO. NAT GAS, & NAT GSLN T												13
131	Crude Petroleum and Natural Gas												131
132	Natural Gasoline												132
14	NONMETALLIC MINERALS, EXCEPT FUELS T												14
141	Dimension Stone, Quarry												141
142	Crushed and Broken Stone, including riprap												142
14211	Agricultural limestone												14211
14219	Crushed and broken stone, nec. including riprap												14219
144	Sand and Gravel T												144
14411	Sand (aggregate and ballast)												14411
14412	Gravel (aggregate and ballast)												14412
14413	Industrial sand and gravel												14413
145	Clay, Ceramic and Refractory Minerals												145
14511	Bentonite												14511
14512	Fire clay												14512
14514	Kaolin and ball clay												14514
147	Chemical and Fertilizer Minerals												147
14711	Barite												14711
14712	Potash, soda and borate												14712
14714	Phosphate rock												14714
14715	Rock salt												14715
14716	Sulphur												14716
149	Miscellaneous Nonmetallic Minerals, Except Fuels												149
14911	Gypsum and anhydrite												14911
14913	Native asphalt and bitumens												14913
14914	Pumice and pumicite												14914
19	ORDNANCE AND ACCESSORIES T												19
191	Guns, Howitzers, Mortars, & Related Eqpt. Over 30 mm												191
192	Ammunition, Over 30 mm												192
193	Full Tracked Combat Vehicles and Parts												193
194	Sighting and Fire Control Equipment												194
195	Small Arms, 30 mm and Under												195
196	Small Arms Ammunition, 30 mm and Under												196
199	Miscellaneous Ordnance and Accessories												199

INTERSTATE COMMERCE COMMISSION
ANNUAL REPORT OF FREIGHT COMMODITY STATISTICS

Code	Description	Revenue Freight Originated on Respondent's Line				Revenue Freight Received From Connecting Motor Carriers				Total Revenue Freight Carried		Gross Freight Revenue (dollars)	Code
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	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
20	FOOD AND KINDRED PRODUCTS..........T												20
201	Meat (inc Poultry & Small Game), Fresh, Chld or Frzn..........T												201
2011	Meat, fresh or chilled, except salted..........												2011
2012	Meat, fresh-frozen..........												2012
2013	Meat products..........												2013
2014	Animal by-products, inedible..........												2014
20141	Hides, skins, pelts, not tanned (livestock)..........												20141
2015	Dred poultry, sml game & rltd prd, fresh, chld, canned..........												2015
2016	Dred poultry, sml game & rltd prd, fresh frzn..........												2016
202	Dairy Products..........T												202
2021	Creamery butter..........												2021
2023	Condensed, evaporated milk and dry milk..........												2023
2024	Ice cream and related frozen desserts..........												2024
2025	Cheese and other special dairy products..........												2025
2026	Proc'd whole milk, skim milk, cream & oth fluid prd..........												2026
203	Canned and Preserved Fruits, Veg & Sea Foods..........												203
2031	Canned and cured sea foods..........												2031
2032	Canned specialties..........												2032
2033	Canned fruits and vegetables..........												2033
2034	Dried & dehyd fruits & veg (exc field dried), soup mix..........												2034
2035	Pkld fruits & veg sauces & seas, salad drsg..........												2035
2036	Fresh or frozen packaged fish..........												2036
2037	Frzn fruits, fruit juices, veg & specialties..........												2037
204	Grain Mill Products..........T												204
2041	Flour and other grain mill products..........												2041
20411	Wheat flour, exc blended and prepared..........												20411
20421	Prepared feeds for animals & fowls, exc canned..........												20421
20423	Canned feed for animals & poultry..........												20423
2043	Cereal preparations..........												2043
2044	Milled rice, flour and meal..........												2044
2045	Blended and prepared flour..........												2045
2046	Corn starch, syrup, oil, sugar & by-prd (wet proc)..........												2046
20461	Corn syrup..........												20461
20462	Corn starch..........												20462
20463	Corn sugar..........												20463
205	Bakery Products..........												205
206	Sugar (Beet and Cane)..........T												206
2061	Sugar mill products and by-products..........												2061
20611	Raw cane and beet sugar..........												20611
20616	Sugar molasses, except blackstrap..........												20616
20617	Blackstrap molasses..........												20617

INTERSTATE COMMERCE COMMISSION
ANNUAL REPORT OF FREIGHT COMMODITY STATISTICS

Full name of respondent ....

For CALENDAR YEAR 1969

Code	Description	Revenue Freight Originated on Respondent's Line				Revenue Freight Received From Connecting Motor Carriers				Total Revenue Freight Carried		Gross Freight Revenue (dollars)	Code
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	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
	FOOD AND KINDRED PRODUCTS - Continued												
2062	Sugar, refined: Cane and beet												2062
20625	Sugar refining by-products												20625
20626	Pulp, molasses, beet												20626
207	Confectionery and Related Products												207
208	Beverages and Flavoring Extracts T												208
20821	Beer, ale, porter, stout: Bottled, bbls, kegs												20821
20823	Malt extract and brewers' spent-grains												20823
2083	Malt												2083
2084	Wines, brandy, and brandy spirits												2084
20851	Distilled, rectified and blended liquors												20851
20859	By-products of liquor distilling												20859
2086	Btld & canned soft drinks & carb & mnrl waters												2086
2087	Misc flvg extrs & syrups & compounds exc chor syrups												2087
209	Misc Food Preparations & Kindred Products												209
20911	Cottonseed oil, crude or refined												20911
20914	Cottonseed cake, meal and other by-products												20914
20921	Soybean oil, crude or refined												20921
20925	Soybean cake, meal, flour, grits & oth by-prd												20925
2093	Veg & nut oils & by-prd, exc ctnsd & soybean												2093
2094	Marine fats and oils												2094
2095	Roasted coffee, inc instant coffee												2095
2096	Shrtng, table oils, mrgn & oth edbl fats & oils, nec												2096
2097	Ice, natural or manufactured												2097
2098	Macaroni, spaghetti, vermicelli & noodles												2098
21	TOBACCO PRODUCTS T												21
211	Cigarettes												211
212	Cigars												212
213	Chewing and Smoking Tobacco and Snuff												213
214	Stemmed and Redried Tobacco												214
22	BASIC TEXTILES T												22
221	Cotton Broad Woven Fabrics												221
222	Man-made Fiber and Silk Broad Woven Fabrics												222
223	Wool Broad Woven Fabrics												223
224	Narrow Fabrics												224
225	Knit Fabrics												225
227	Carpets and Rugs, Textile												227
228	Yarn and Thread												228
229	Miscellaneous Basic Textiles												229
2296	Tire cord and fabrics												2296
2297	Wool and mohair (scrd etc): Tops, noils, greases, etc												2297
2298	Cordage and twine												2298

INTERSTATE COMMERCE COMMISSION
ANNUAL REPORT OF FREIGHT COMMODITY STATISTICS

Code	Description	Revenue Freight Originated on Respondent's Line				Revenue Freight Received From Connecting Motor Carriers				Total Revenue Freight Carried		Gross Freight Revenue (dollars)	Code
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23	APPAREL & OTHER FINISHED TEXTILE PRD. INC KNIT..T												23
231	Men's, Youths' and Boys' Clothing												231
233	Women's, Misses', Girls' and Infants' Clothing												233
235	Millinery, Hats and Caps												235
237	Fur Goods												237
238	Miscellaneous Apparel and Accessories												238
239	Miscellaneous Fabricated Textile Products												239
24	LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE...T												24
241	Prim Forest Pd (Piped, Plng, Posts, Logs, Bolts, etc)												241
24114	Pulpwood logs												24114
24115	Pulpwood and other wood chips												24115
24116	Woodposts, poles and piling												24116
242	Lumber and Dimension Stock...T												242
2421	Lumber and dimension stock												2421
24212	Sawed ties (railroad, mine, etc.)												24212
2429	Misc sawmill & plng mill prd (shgls, cprg stk, etc)												2429
243	Millwork, Veneer, Plywood, Prefab Strl Wood Prd												243
2431	Millwork												2431
2432	Veneer and plywood												2432
244	Wooden Containers												244
249	Miscellaneous Wood Products												249
2491	Creosoted or oil treated wood products												2491
25	FURNITURE AND FIXTURES...T												25
251	Household and Office Furniture												251
253	Public Building and Related Furniture												253
254	Partitions, Shelving, Lockers, Off & Store Fxtrs												254
259	Miscellaneous Furniture and Fixtures												259
26	PULP, PAPER AND ALLIED PRODUCTS...T												26
261	Pulp and Pulp Mill Products												261
26111	Pulp												26111
262	Paper, Except Building Paper												262
26211	Newsprint												26211
26214	Wrapping paper, wrappers and coarse paper												26214
263	Paperboard, Pulpboard & Fiberboard, exc Insulating Bd.												263
264	Converted Paper & Paphd Prd exc Containers & Boxes												264
2643	Paper bags												2643
265	Containers & Boxes, Paperboard, Fiberboard & Pulpboard												265
266	Building Paper and Building Board...T												266
2661	Building paper and building board												2661
26615	Wallboar												26615

INTERSTATE COMMERCE COMMISSION
ANNUAL REPORT OF FREIGHT COMMODITY STATISTICS

Full name of respondent ....

For CALENDAR YEAR 1969

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		Number of truckload shipments	Number of tons (2,000 lbs.)	Number of truckload shipments	Number of tons (2,000 lbs.)	Number of truckload shipments	Number of tons (2,000 lbs.)	Number of truckload shipments	Number of tons (2,000 lbs.)	Number of truckload shipments	Number of tons (2,000 lbs.)		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
27	PRINTED MATTER..........T												27
271	Newspapers												271
272	Periodicals												272
273	Books												273
274	Miscellaneous Printed Matter												274
276	Manifold Business Forms												276
277	Greeting Cards, Seals, Labels, and Tags												277
278	Blankbooks, Looseleaf Binders and Devices												278
279	Prd of Service Industries for the Printing Trades												279
28	CHEMICALS AND ALLIED PRODUCTS..........T												28
281	Industrial, Inorganic and Organic Chemicals												281
2812	Sodium, ptsm, & oth basic inorganic chem cpds												2812
28123	Sodium compounds, exc sodium alkalies												28123
2813	Industrial gases (compressed and liquified)												2813
2814	Crude prd from coal tar, petro & nat gas												2814
2816	Inorganic pigments												2816
2818	Misc industrial organic chemicals												2818
28184	Alcohols												28184
2819	Misc industrial inorganic chemicals												2819
28193	Sulphuric acid												28193
282	Plstc Materials & Syn Resins, Syn Rubbers & Fibers												282
28213	Synthetic rubber												28213
28215	Synthetic organic fibers												28215
283	Drugs (Bio Prd, Medi Chems, Btncl Prd & Pharm Preps)												283
284	Soap, Dtrgns & Clng Preps, Cmtcs, Oth Toilet Preps												284
2841	Soap & oth dtrgns, exc specialty cleaners												2841
285	Paints, Vrnshs, Lacquers, Enamels & Allied Prd												285
286	Gum and Wood Chemicals												286
287	Agricultural Chemicals												287
2871	Fertilizers												2871
289	Miscellaneous Chemical Products												289
2892	Explosives												2892
28991	Salt, common												28991
29	PETROLEUM AND COAL PRODUCTS..........T												29
291	Products of Petroleum Refining..........T												291
29111	Gsln, jet, oth high vola petro fuels exc nat gsln												29111
29112	Kerosene												29112
29113	Distillate fuel oil												29113
29114	Lubricating & similar oils & derivatives												29114
29115	Lubricating greases												29115

INTERSTATE COMMERCE COMMISSION
ANNUAL REPORT OF FREIGHT COMMODITY STATISTICS

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	PETROLEUM AND COAL PRODUCTS - Continued												
29116	Asph. tar & pitches (petrol., coal tar)												29116
29117	Residual fuel oil & oth low vola petro fuels												29117
29119	Products of petroleum refining, nec												29119
2912	Liquefied petroleum gases and coal gases												2912
295	Paving and Roofing Materials T												295
2951	Paving mixtures and blocks												2951
2952	Asphalt felt and coatings												2952
299	Miscellaneous Petroleum and Coal Products												299
29911	Coke and coal briquettes												29911
30	RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS T												30
301	Tires and Inner Tubes												301
302	Rubber Footwear												302
303	Reclaimed Rubber												303
306	Miscellaneous Fabricated Rubber Products												306
307	Miscellaneous Plastic Products												307
31	LEATHER AND LEATHER PRODUCTS T												31
311	Leather												311
312	Industrial Leather Belting and Packing												312
313	Boot and Shoe Cut Stock & Findings, All Materials												313
314	Footwear, Except Rubber												314
315	Leather Gloves and Mittens												315
316	Luggage, Handbags & Oth Pers Lea Goods, All Mtls												316
319	Miscellaneous Leather Goods												319
32	STONE, CLAY AND GLASS PRODUCTS T												32
321	Flat Glass												321
322	Glass & Glassware, Pressed and Blown												322
3221	Glass containers												3221
324	Hydraulic Cement												324
32411	Cement, hydic, Portland, nat, masonry, pozzolan												32411
325	Structural Clay Products T												325
3251	Brick and structural clay tile												3251
32511	Brick, exc glaze, ceramic glazed, and refractory												32511
3253	Ceramic wall and floor tile												3253
3255	Refractories, clay and nonclay												3255
3259	Miscellaneous structural clay products												3259
32594	Roofing tile												32594
326	Pottery and Related Products												326

INTERSTATE COMMERCE COMMISSION
ANNUAL REPORT OF FREIGHT COMMODITY STATISTICS

Full name of respondent ....

For CALENDAR YEAR 1969

Code	Description	Revenue Freight Originated on Respondent's Line				Revenue Freight Received From Connecting Motor Carriers				Total Revenue Freight Carried		Gross Freight Revenue (dollars)	Code
		Terminated on respondent's line		Delivered to connecting motor carriers		Terminated on respondent's line		Delivered to connecting motor carriers					
		Number of truckload shipments	Number of tons (2,000 lbs.)	Number of truckload shipments	Number of tons (2,000 lbs.)	Number of truckload shipments	Number of tons (2,000 lbs.)	Number of truckload shipments	Number of tons (2,000 lbs.)	Number of truckload shipments	Number of tons (2,000 lbs.)		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
	STONE, CLAY AND GLASS PRODUCTS.- Continued												
327	Concrete, Gypsum & Plaster Products												327
3271	Concrete products												3271
3274	Lime												3274
3275	Gypsum products												3275
328	Cut Stone and Stone Products												328
329	Abrasives, Asbestos, Misc Non-metallic Minl Prd.												329
3291	Abrasive products												3291
33	PRIMARY METAL PRODUCTS........T												33
331	Steel Works and Rolling Mill Products........T												331
33111	Pig iron												33111
33112	Slag												33112
33113	Coke, screenings and breeze												33113
33119	Coke oven and blast furnace products, nec												33119
3312	Primary iron & steel prd, exc coke oven by-prd												3312
33121	Steel ingot and semi-finished shapes												33121
3313	Ferro-alloys												3313
3315	Steel wire, nails, and spikes												3315
332	Iron and Steel Castings												332
33211	Iron and steel cast pipe and fittings												33211
333	Nonferrous Metals Primary Smelter Products												333
3331	Prim copper & copper base alloys smelter prd												3331
3332	Prim lead & lead base alloys smelter prd												3332
3333	Prim zinc & zinc base alloys smelter prd												3333
3334	Prim aluminum & aluminum base alloys smelter prd												3334
335	Nonferrous Metal Basic Shapes												335
3351	Copper, brass or bronze & oth cba basic shapes												3351
3352	Aluminum & cba basic shapes exc aluminum foil												3352
3357	Nonferrous wire, including insulated wire												3357
336	Nonferrous and Nonferrous Base Alloy Castings												336
3361	Aluminum and aluminum base alloy castings												3361
3362	Brass, bronze, copper and cba castings												3362
339	Miscellaneous Primary Metal Products												339
3391	Iron and steel forgings												3391
3392	Nonferrous forgings												3392
34	FAB. METAL PRD. EXC ORDN MACHY & TRANSP....T												34
341	Metal Cans												341
342	Cutlery, Hand Tools, and General Hardware												342
343	Plumbing Fxtrs & Heating Apparatus, exc Electric												343
3433	Heating equipment, except electric												3433
344	Fabricated Structural Metal Products												344
3441	Fabricated structural metal products												3441

INTERSTATE COMMERCE COMMISSION
ANNUAL REPORT OF FREIGHT COMMODITY STATISTICS

Code	Description	Revenue Freight Originated on Respondent's Line				Revenue Freight Received From Connecting Motor Carriers				Total Revenue Freight Carried		Gross Freight Revenue (Dollars)	Code
		Terminated on respondent's line		Delivered to connecting motor carriers		Terminated on respondent's line		Delivered to connecting motor carriers					
	(a)	Number of truckload shipments (b)	Number of tons (2,000 lbs.) (c)	Number of truckload shipments (d)	Number of tons (2,000 lbs.) (e)	Number of truckload shipments (f)	Number of tons (2,000 lbs.) (g)	Number of truckload shipments (h)	Number of tons (2,000 lbs.) (i)	Number of truckload shipments (j)	Number of tons (2,000 lbs.) (k)	(l)	
	FABR METAL PRD - Continued												
345	Bolts, Nuts, Screws, Rivets, Washers & Oth Ind Fstr												345
346	Metal Stampings												346
348	Misc Fabricated Wire Prd, exc steel wire												348
349	Misc Fabricated Metal Prd												349
3491	Metal barrels, drums, kegs and pails												3491
3494	Valves & pipe ftg (exc plmrs brass goods & ftg)												3494
35	MACHINERY, EXCEPT ELECTRICAL T												35
351	Engines and Turbines												351
352	Farm Machinery and Equipment												352
353	Constr, Mining & Materials Handling Equipment												353
3531	Construction machinery and equipment												3531
3532	Mining machy & eqpt exc oil field machy & eqpt												3532
3533	Oil field machinery and equipment												3533
3537	Ind trucks, tractors, trailers, & stackers												3537
354	Metalworking Machinery and Equipment												354
355	Spec Industry Machinery, Exc Metal-working Machy												355
356	General Industrial Machinery and Equipment												356
357	Office, Computing, and Accounting Machines												357
358	Service Industry Machines												358
359	Misc Machinery & Parts, Exc Electrical												359
36	ELECTRICAL MACHINERY, EQUIPMENT AND SUPPLIES T												36
361	Electrical Transmission & Distribution Equipment												361
362	Electrical Industrial Apparatus												362
363	Household Appliances												363
3631	Household cooking equipment, all types												3631
3632	Household refrigerators & home & farm freezers												3632
3633	Household laundry equipment												3633
364	Electric Lighting and Wiring Equipment												364
365	Radio and TV Receiving Sets, Exc Communication Types												365
366	Communication Equipment												366
367	Electronic Components and Accessories												367
369	Misc Electrical Machinery, Eqpt & Supplies												369
37	TRANSPORTATION EQUIPMENT T												37
371	Motor Vehicles and Motor Vehicle Equipment T												371
3711	Motor vehicles												3711
37111	Passenger cars, assembled												37111
37112	Truck tractors, and trucks, assembled												37112
37113	Motor coaches, assd (inc city buses), fire dept vhl												37113
3712	Passenger car bodies												3712
3713	Truck and bus bodies												3713

INTERSTATE COMMERCE COMMISSION
ANNUAL REPORT OF FREIGHT COMMODITY STATISTICS

Full name of respondent ....

For CALENDAR YEAR 1969

Code	Description	Revenue Freight Originated on Respondent's Line				Revenue Freight Received From Connecting Motor Carriers				Total Revenue Freight Carried		Gross Freight Revenue (dollars)	Code
		Terminated on respondent's line		Delivered to connecting motor carriers		Terminated on respondent's line		Delivered to connecting motor carriers					
		Number of truckload shipments	Number of tons (2,000 lbs.)	Number of truckload shipments	Number of tons (2,000 lbs.)	Number of truckload shipments	Number of tons (2,000 lbs.)	Number of truckload shipments	Number of tons (2,000 lbs.)	Number of truckload shipments	Number of tons (2,000 lbs.)		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
	TRANSPORTATION EQUIPMENT - Continued												
3714	Motor vehicle parts and accessories												3714
3715	Truck trailers												3715
372	Aircraft and Parts												372
373	Ships and Boats												373
374	Railroad Equipment												374
375	Motorcycles, Bicycles and Parts												375
379	Miscellaneous Transportation Equipment												379
38	INSTRUMENTS, PHOTO & OPTICAL GD, WATCHES & CLOCKS T												38
381	Engineering, Lab & Scientific Instruments												381
382	Measuring, Controlling & Indicating Instruments												382
383	Optical Instruments & Lenses												383
384	Surgical, Medical & Dental Instruments & Supplies												384
385	Ophthalmic or Opticians' Goods												385
386	Photographic Equipment & Supplies												386
387	Watches, Clocks, Clockwork Operated Devices & Parts												387
39	MISCELLANEOUS PRODUCTS OF MANUFACTURING T												39
391	Jewelry, Silverware and Plated Ware												391
393	Musical Instruments and Parts												393
394	Toys, Amusement, Sporting and Athletic Goods												394
3949	Sporting and athletic goods												3949
395	Pens, Pencils & Oth Office and Artists' Materials												395
396	Costume Jewelry, Novelties, Buttons & Notions												396
399	Miscellaneous Manufactured Products												399
40	WASTE AND SCRAP MATERIALS T												40
401	Ashes												401
402	Waste and Scrap, Except Ashes												402
4021	Metal scrap, waste and tailings												4021
40211	Iron and steel scrap, wastes and tailings												40211
4022	Textile waste, scrap and sweepings												4022
4024	Paper waste and scrap												4024
4026	Rubber and plastic scrap and waste												4026
41	MISC FREIGHT SHIPMENTS T												41
411	Misc Freight Shipments												411
41111	Outfits or kits												41111
41116	Articles, used, exc codes 41112, 421 & 4021												41116
41118	Articles, used, rtd for rpr, lsr for reading												41118
412	Misc Commodities Not Taken in Regular Frt Svc												412

INTERSTATE COMMERCE COMMISSION
ANNUAL REPORT OF FREIGHT COMMODITY STATISTICS

Code	Description	Revenue Freight Originated on Respondent's Line				Revenue Freight Received From Connecting Motor Carriers				Total Revenue Freight Carried		Gross Freight Revenue (dollars)	Code
		Terminated on respondent's line		Delivered to connecting motor carriers		Terminated on respondent's line		Delivered to connecting motor carriers					
	(a)	Number of truckload shipments (b)	Number of tons (2,000 lbs.) (c)	Number of truckload shipments (d)	Number of tons (2,000 lbs.) (e)	Number of truckload shipments (f)	Number of tons (2,000 lbs.) (g)	Number of truckload shipments (h)	Number of tons (2,000 lbs.) (i)	Number of truckload shipments (j)	Number of tons (2,000 lbs.) (k)	(l)	
42	CONTAINERS, SHIPPING, RETURNED EMPTY........T												42
421	Containers, Shipping, Rtd Empty Inc Carrier Dev........												421
422	Trailers, Semi-Trailers, Rtd Empty												422
44	FREIGHT FORWARDER TRAFFIC........T												44
441	Freight Forwarder Traffic (TL)........												441
45	SHIPPER ASSOCIATION OR SIMILAR TRAFFIC........T												45
451	Shipper Association or Similar Traffic (TL)........												451
46	MISC MIXED SHIPMENTS EXC FWDR (44) & SHPR ASSN (45) T												46
461	All Freight Rate Shipments, nec, inc TOFC........												461
462	Mixed Shipments in Two or More 2-digit Groups........												462
	GRAND TOTAL TRUCKLOAD TRAFFIC........T												
47	SMALL PACKAGED FREIGHT SHIPMENTS........T	XXXXXXXX		XXXXXXX		XXXXXXX		XXXXXXX		XXXXXXX			47
471	Small Packaged Freight Shipments Inc. LTL........	XXXXXXXX		XXXXXXX		XXXXXXX		XXXXXXX		XXXXXXX			471
	GRAND TOTAL TRUCKLOAD AND LTL TRAFFIC ..T	XXXXXXXX		XXXXXXX		XXXXXXX		XXXXXXX		XXXXXXX			

REMARKS:

(Check one)

☐ This report includes all commodity statistics for the period covered.

☐ A supplemental report has been filed covering traffic involving less than three shippers reportable in any one commodity code.

☐ Supplemental Report NOT OPEN TO PUBLIC INSPECTION.

CALENDAR YEAR 1968

The blank below should be completed if freight service operations were not conducted during the entire period for which the form provides:
REPORT COVERS THE PERIOD from ...., 19......, to ...., 19......

CERTIFICATION

I, THE UNDERSIGNED ____
(Title of officer in charge of the accounts)

of the ____Company, state that that report was prepared by me or
(Full name of reporting company)

under my supervision; that I have carefully examined it; and on the basis of my knowledge, belief, and verification (where necessary) I declare it to be a full, true and correct statement of the freight commodity statistics named, and that the various items here reported were determined in accordance with effective rules promulgated by the Interstate Commerce Commission.

.... Address ____
(P.O. Box or Street) (City) (State) (Zip Code)

Date.., 19...... Telephone Number ____
(Area Code) (Number)

For the use of the Interstate Commerce Commission only

Form TCS
I C C Motor Carrier Commodity Statistics
Page 13

ANNUAL REPORT OF FREIGHT COMMODITY STATISTICS BY CLASS I MOTOR CARRIERS OF PROPERTY—COMMON AND CONTRACT

TO THE INTERSTATE COMMERCE COMMISSION

INSTRUCTIONS

1. Under the Commission's order of September 13, 1963, effective January 1, 1964, all Class I Common and Contract Motor Carriers of Property having gross annual operating revenues of $1,000,000 or more subject to Part II of the Interstate Commerce Act, and not specifically exempted, are required to classify commodities transported and make annual reports of such freight traffic statistics.

2. Exempt carriers. Until further order of the Commission those Class I Common and Contract Motor Carriers of Property, which are predominantly engaged in the types of carriage or service performed as indicated below will be exempt from the requirements for compiling and reporting freight commodity statistics:

(*a*) Dump trucking
(*b*) Armored truck service
(*c*) Films and associated commodities
(*d*) Retail store delivery service
(*e*) Household goods
(*f*) Carriers of specific commodities not grouped in classes 1 to 16, inclusive, Schedule 20 of Motor Carrier Annual Report Form A.

3. Truckload and LTL Traffic Defined. Codes 01 through 462 shall include only truckload traffic. All shipments weighing less than 10,000 pounds shall be included in codes 47 and 471, "Small Packaged Freight Shipments, including LTL."

A "truckload shipment," for the purpose of this order, shall consist of any shipment of not less than 10,000 pounds of any one commodity transported in intercity service which moves on a single bill of lading.

In a mixed truckload shipment assign the weight of all commodities transported in the shipment to the code of the commodity which forms the major portion of the shipment in weight. If a single shipment requires more than one truck, each truck used shall be reported as a truckload. If more than one shipment is moved in the same truck, each shipment of 10,000 pounds or more shall be reported separately as a truckload shipment.

The order contemplates the inclusion of intercity truckload intrastate shipments, as well as those in interstate intercity movement.

4. "Originated on respondent's line" means: (*a*) Shipments originated directly on respondent's line; (*b*) shipments received from a carrier other than a motor carrier, except when identified as having had previous intercity motor carrier transportation; (*c*) shipments received from local pick-up and delivery truck lines; (*d*) import traffic and shipments from outlying possessions of the United States received from carriers other than motor carriers.

5. "Received from connecting motor carriers" means: (*a*) All shipments received directly from connecting motor carriers; (*b*) shipments received from a carrier other than a motor carrier when identified from information on waybills or abstracts as having received previous line-haul motor carrier transportation; (*c*) shipments received from connecting motor carriers operating in Canada or Mexico.

6. "Terminated on respondent's line" means: (*a*) Shipments terminated directly on respondent's line, (*b*) shipments delivered to a carrier other than a motor carrier, except when identified as to receive further intercity motor carrier transportation; (*c*) shipments which receive last line-haul on respondent's line, but are delivered to local pick-up and delivery motor carriers for delivery; (*d*) export traffic and shipments to outlying possessions of the United States delivered to carriers other than motor carriers.

7. "Delivered to connecting motor carriers" means: (*a*) All shipments delivered to connecting motor carriers; (*b*) shipments delivered to a carrier other than a motor carrier, when identified from information on waybills or abstracts, as to receive further line-haul motor carrier transportation; (*c*) shipments delivered to connecting motor carriers operating in Canada and Mexico.

8. "Gross freight revenue" means the reporting carrier's proportion of the revenue shown on each freight bill without subsequent adjustment for errors in rates, extensions, interline divisions, absorptions or corrections, etc. The amount reported should include only revenues reportable in accounts 3100 and 3110 for the same period.

9. "Classify" means to assign an article of freight to its appropriate commodity class which may be a 3, 4 or 5-digit number. Always classify an article in the highest digit level possible. Use a 5-digit code if the article may be properly assigned to it. If there is no applicable 3-digit code, use a 4-digit code if available. If there is no applicable 4-digit code, then the article is classified at the 3-digit level.

For a 5-digit code, report the sum of all freight classified thereunder. For a 4-digit code, report the sum of all freight classified thereunder plus the sum of all 5-digit codes where the first four digits match. For a 3-digit code, report the sum of all 4-digit code numbers where the first three digits match, plus 5-digit code numbers where the first three digits match (provided they are not included in 4-digit codes), plus any articles classified at the 3-digit level. Generally, the 3-digit codes are used as summaries. The 2-digit level is a summary of 3-digit codes where the first two digits match.

Commodities should not be classified direct to the codes with a "T" designation as these commodities are always classifiable at a higher digit level. Codes at the 2 and 3 digit level followed by a "T" always are totals of the related higher level codes shown on the report form; codes not so designated may include commodities classified directly thereunder and may not total.

The grand total truckload traffic is a summary of all 2-digit codes, 01-46.

10. "Piggyback traffic" is classified in the applicable commodity code only if the commodity can be identified; where the commodity cannot be identified, classify in code 461 and summarize in code 46.

11. "Freight Forwarder Traffic," Codes 44 and 441, includes freight traffic in truckloads, shipped by or consigned to any forwarder holding a permit under Part IV of the Interstate Commerce Act.

12. "Shipper Association or Similar Traffic," Codes 45 and 451, includes freight traffic in truckloads shipped by a non-profit shipper association where the commodity cannot be identified; where the commodity can be identified, classify in the applicable commodity code.

13. Totals shall be shown in columns (j) and (k) and gross revenue in column (l) for each class in which there are entries; grand totals shall be shown in each column, as applicable, and the entire report shall be in balance on the cross and down additions including grand totals.

14. All entries shall be legibly typed or written in permanent ink or in indelible lead pencil. Where there are no reportable statistics on any page the word "None" should be typed or written across the page and respondent's name appropriately shown on the sheet.

15. Tons and truckload shipments shall be reported in whole numbers only. Money items are to be stated in dollar units, adjusted to accord with footings.

16. If a respondent carrier did not conduct operations during the whole calender year, the partial period covered by the returns should be clearly specified in the space provided on page 12.

17. All pages of this form, except pages 13 and 14, must be completed in triplicate; two complete sets of forms shall be returned to the Bureau of Accounts, Interstate Commerce Commission, Washington, D. C. 20423, within three months after the close of the year for which the report is made, and one set is to be retained by the respondent.

18. Copies of this report form are on sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402. Requests for additional copies of the report form should not be sent to the Interstate Commerce Commission.

19. It is not necessary to return pages 13 and 14 with your report.

20. Additional instructions regarding the items in this report are found in "Preparation and Submission of Quarterly and Annual Reports to the Interstate Commerce Commission" ACR-133. (Single copy furnished carriers on request to Bureau of Accounts)

INTERSTATE COMMERCE COMMISSION
ANNUAL REPORT OF FREIGHT COMMODITY STATISTICS

ABBREVIATIONS USED IN COMMODITY DESCRIPTIONS

aba	aluminum base alloy
anthra	anthracite
asph	asphalt
assd	assembled
assn	association
bbls	barrels
bd	board
bio	biological
btld	bottled
btncl	botanical
carr	carrier (s)
catd	carbonated
cba	copper base alloy
chem	chemical (s)
chld	chilled
choc	chocolate
clng	cleaning
cons	construction
cpd	compound (s)
cprg	cooperage
crshd	crushed
cosmc	cosmetic (s)
ctnsd	cottonseed
dehyd	dehydrated
dept	department
drsd	dressed
drsg	dressing
dtrgn	detergent (s)
dvc	device (s)
edbl	edible
eqpt	equipment
etc	et cetera
exc	except
extc	extract (s)
fabr	fabricated
flvg	flavoring
frsh	fresh
frt	freight
frzn	frozen
fsnr	fastener (s)
ftg	fitting (s)
fwdr	forwarder
fxtr	fixture (s)
gd	good (s)
gsln	gasoline
hydlc	hydraulic
inc	including
ind	industrial
lab	laboratory
lea	leather
LTL	less than truckload
machy	machinery
medl	medicinal
misc	miscellaneous
mm	millimeter
mnrl	mineral
mrgn	margarine
mtl	material (s)
nat	natural
nec	not elsewhere classified
off	office
ordn	ordnance
oth	other
ppbd	paperboard
pers	personal
petro	petroleum
pharm	pharmaceutical
phot	photographic
pkld	pickled
plng	piling, planing
plmr	plumber (s)
plpwd	pulpwood
plstc	plastic
prefab	prefabricated
prep	preparations
prim	primary
proc	process
procd	processed
prd	product (s)
ptsm	potassium
rcndtng	reconditioning
rltd	related
rpr	repair
rtd	returned
scrnd	screened
scrd	scoured
shgl	shingle (s)
shpr	shipper
shrtg	shortening
sml	small
specty	specialty (ies)
ssng	seasoning
stk	stock
strtl	structural
svc	service
syn	synthetic
TL	truckload
TOFC	Trailer-on-flat car ("Piggyback")
transp	transportation
trly	trolley
veg	vegetable (s)
vhl	vehicle (s)
vola	volatile
vrnsh	varnish (s)
w/wo	with or without

Note: It is not necessary to return pages 13 and 14 with your report.

CARRIERS BY PIPE LINE
Annual Report Form P

BUDGET BUREAU
No. 60-R108.18
Approval expires 12-31-69

ANNUAL REPORT

OF

TO THE

INTERSTATE COMMERCE COMMISSION

FOR THE

YEAR ENDED DECEMBER 31, 1969

NOTICE

1. This Form for annual report should be filled out in triplicate and two copies returned to the *Interstate Commerce Commission, Bureau of Accounts*, Washington, D.C. 20423, by *March 31 of the year following that for which the report is made*. Attention is specially directed to the following provisions of Part I of the Interstate Commerce Act:

SEC. 20. (1) The Commission is hereby authorized to require annual, periodical, or special reports from carriers, lessors, * * * (as defined in this section), to prescribe the manner and form in which such reports shall be made, and to require from such carriers, lessors, * * * specific and full, true, and correct answers to all questions upon which the Commission may deem information to be necessary, classifying such carriers, lessors, * * * as it may deem proper for any of these purposes. Such annual reports shall give an account of the affairs of the carrier, lessor, * * * in such form and detail as may be prescribed by the Commission.

(2) Said annual reports shall contain all the required information for the period of twelve months ending on the 31st day of December in each year, unless the Commission shall specify a different date, and shall be made out under oath and filed with the Commission at its office in Washington within three months after the close of the year for which report is made, unless additional time be granted in any case by the Commission.

(7) (b). Any person who shall knowingly and willfully make, cause to be made, or participate in the making of, any false entry in any annual or other report required under this section to be filed, * * * or shall knowingly or willfully file with the Commission any false report or other document, shall be deemed guilty of a misdemeanor and shall be subject, upon conviction in any court of the United States of competent jurisdiction to a fine of not more than five thousand dollars or imprisonment for not more than two years, or both such fine and imprisonment: * * *.

(7) (c). Any carrier or lessor, * * * or any officer, agent, employee, or representative thereof, who shall fail to make and file an annual or other report with the Commission within the time fixed by the Commission, or to make specific and full, true, and correct answer to any question within thirty days from the time it is lawfully required by the Commission so to do, shall forfeit to the United States the sum of one hundred dollars for each and every day it shall continue to be in default with respect thereto.

(8) As used in this section * * * the term "carrier" means a common carrier subject to this part, and includes a receiver or trustee of such carrier; and the term "lessor" means a person owning a railroad, a water line or a pipe line, leased to and operated by a common carrier subject to this part, and includes a receiver or trustee of such lessor, * * *.

The respondent is further required to send to the Bureau of Accounts, immediately upon publication, two copies of its latest printed annual report to stockholders. See Schedule 108A, page 103.

2. The instructions in this Form should be carefully observed, and *each question should be answered fully and accurately*, whether it has been answered in a previous annual report or not. Except in cases where they are specifically authorized, cancellations, arbitrary check marks, and the like should not be used either as partial or as entire answers to inquiries. If any inquiry, based on a preceding inquiry in the present report form, is, because of the answer rendered to such preceding inquiry, inapplicable to the person or corporation in whose behalf the report is made, such notation as "Not applicable; see page ——, schedule (or line) number ——" should be used in answer thereto, giving *precise reference* to the *portion of the report showing the facts which make the inquiry inapplicable*. Where the word "None" truly and completely states the fact, it should be given as the answer to any particular inquiry or any particular portion of an inquiry. Where dates are called for, the month and day should be stated as well as the year. Customary abbreviations may be used in stating dates.

3. *Every annual report should, in all particulars, be complete in itself*, and references to the returns of former years should not be made to take the place of required entries except as herein otherwise specifically directed or authorized.

4. If it be necessary or desirable to insert additional statements, typewritten or other, in a report, they should be legibly made on durable paper and, wherever practicable, on sheets not larger than a page of the Form. *Inserted sheets should be securely attached, preferably at the inner margin; attachment by pins or clips is insufficient.*

5. All entries should be made in a permanent black ink. Those of a contrary character should be indicated in parenthesis. Items of an unusual character should be indicated by appropriate symbol and footnote.

Money items throughout this annual report form should be shown in units of dollars adjusted to accord with footings.

6. Each respondent should make its annual report to this Commission in triplicate, retaining one copy in its files for reference in case correspondence with regard to such report becomes necessary. For this reason three copies of the Form are sent to each company concerned.

7. Except where the context clearly indicates some other meaning, the following terms when used in this Form have the meanings below stated:

Commission means *the Interstate Commerce Commission*. **Respondent** means *the person or company in whose behalf the report is made.* **The year** means *the year ended December 31 for which the report is made.* **The close of the year** means *the close of business on December 31 of the year for which the report is made*; or, in case the report is made for a shorter period than one year, it means *the close of the period covered by the report.* **The beginning of the year** means *the beginning of business on January 1 of the year for which the report is made*; or, in case the report is made for a shorter period than one year, it means *the beginning of the period covered by the report.* **The preceding year** means *the year ended December 31 of the year next preceding the year for which the report is made.* **The Uniform System of Accounts for Pipe Lines** means *the system of accounts in Part 1204 of Title 49, Code of Federal Regulations, as amended.*

FOR THE INDEX SEE THE INSIDE OF BACK COVER

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SPECIAL NOTICE

The attention of the respondent is directed below to certain particulars, if any, in which this report form differs from the corresponding form for the preceding year. It should be understood that mention is not made of necessary substitutions of dates or, in general, such other things as simple modifications intended to make requirements clearer, other minor adjustments, and typographical corrections.

Page 401: Schedule 410. Miles of Pipe Line Operated at Close of Year

Instructions revised for reporting miles of pipe line operated; reporting fractional size line; and to define size of line.

ANNUAL REPORT

OF

____

____

FOR THE

YEAR ENDED DECEMBER 31, 1969

Name, official title, telephone number, and office address of officer in charge of correspondence with the Commission regarding this report:

(Name) ______________________ (Title) ______________________

(Telephone number) ______________________
(Area code) (Telephone number)

(Office address) ______________________
(Street and number, City, State, and ZIP code)

INSTRUCTIONS FOR MAKING RETURNS ON OPPOSITE PAGE

There should appear on the opposite page entries or notations sufficient to show that no question or item has been overlooked.
If returns are not made as required, some reference, as, "See page 100", should be made to this page, on which
a statement of the reason for the variation or omission should be given.

Answers to the questions asked should be made in full, without reference to data returned on the corresponding page of previous reports. Only changes during the year are required, under items 4, 5, and 6.

1. *Give in full the exact name of the respondent.* Use the words "The" and "Company" only when they are parts of the corporate name. The corporate name should also be given uniformly throughout the report, notably on the cover, on the title page, and in the "Verification" (p. 533). If the report is made by receivers, trustees, a committee of bondholders, or individuals otherwise in possession of the property, state names and facts with precision.

2. If incorporated under a special charter, give date of passage of the act; if under a general law, give date of filing certificate of organization; if a reorganization has been effected. give date of reorganization. If a receivership or other trust, give also date when such receivership or other possession began. If a partnership, give date of formation and also names in full of present partners.

3. Give *specific* reference to laws of each State or Territory under which organized, citing chapter and section. Include all grants of corporate powers by the United States, or by Canada or other foreign country; also, all amendments to charter.

4. Give *specific* reference to special or general laws under which each consolidation or merger or combination of other form was effected during the year, citing chapter and section. Specify Government, State, or Territory under the laws of which each company consolidated or merged or otherwise combined during the year into the present company was organized; give reference to the charters of each, and to all amendments of them. *Distinguish carefully between mergers and consolidations.* For the purpose of this report, a *merger* may be defined as the *absorption* of one of two existing corporations by the other in such wise that the absorbed or merged corporation ceases to exist as a legal entity, its property passing to the merging or absorbing corporation, which assumes all of the merged corporation's obligations. A *consolidation* may be defined as the *union* of two or more existing corporations into a new corporation, which, through the consolidation, acquires all of the property of the uniting corporations, assumes all of their obligations, and issues its capital stocks in exchange for those of the uniting corporations in ratios fixed in the agreement for consolidations, after completion of which both or all of the consolidating corporations cease to exist as legal entities. Combinations that are not classifiable as mergers or consolidations should be fully explained. Cases in which corporations have become inactive and have been practically absorbed through ownership or control of their entire capital stock, through leases of long duration (under which the lessor companies *do not* keep up independent organizations for financial purposes), or otherwise, so that no distinction is made in operating or in accounting by reason of the original separate incorporation, *should be included here in a separate list and fully explained* in answering this and the next following inquiry.

6. State the occasion for the reorganization, whether by reason of foreclosure of mortgage or otherwise, according to the fact. Give date of organization of original corporation and refer to laws under which organized.

EXPLANATORY REMARKS

101. IDENTITY OF RESPONDENT

1. **Exact name of pipe-line company making this report.** (See Instructions, p. 100).

2. Date of incorporation

3. Under **laws of what** Government, **State, or territory organized? If more than one, name all. Give specific reference to each statute and all amendments thereof,** effected during the year. If previously effected show the **year(s) of the report(s) setting forth the details. If in bankruptcy,** give court of jurisdiction and dates of beginning of **receivership or trusteeship and of appointment of receivers or trustees**

4. If a consolidated or a merging company, **name all** constituent **and all merged companies absorbed during the year. Give specific reference to charters or general laws governing organization of each, and all amendments of same**

5. **Date and authority for each consolidation and for each merger effected during the year**

6. **If a reorganized company, give name of original corporation, refer to laws under which it was organized, and state the occasion for any reorganization effected during the year**

7. **State** whether or not **the respondent during the year conducted any part of its business under a name or names other than that shown in response to inquiry No. 1, above; if so, give full particulars**

INSTRUCTIONS FOR MAKING RETURNS ON PAGES 102 AND 103

There should appear on these pages entries or notations sufficient to show that no question or item has been overlooked. The word "None" may be used wherever applicable.

If returns are not made as required, some reference, as, "See page 109", should be made to this page, on which a statement of the reason for the variation or omission should be given.

Give particulars of the various directors and officers of the respondent at the close of the year. In schedule No. 103 give the title, name, and address of the principal general officers having system jurisdiction by departments, as follows: Executive, Legal, Fiscal and Accounting, Purchasing, Operating, Construction, Maintenance, Engineering, Commercial, and Traffic. If there are receivers, trustees, or committees, who are recognized as in the controlling management of the company or of some department of it, give also their names and titles, and the location of their offices. If the duties of an officer extend to more than one department, or if his duties are not in accordance with the customary acceptance of his given title, state briefly the facts under Explanatory Remarks below.

EXPLANATORY REMARKS

102. DIRECTORS

Line No.	Name of director (a)	Office address (b)	Date of beginning of term (c)	Date of expiration of term (d)	Remarks (e)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

21. Give the names (and titles) of all *officers* of the *Board of Directors* of the respondent at the close of the year:

Chairman of Board............ Secretary (or clerk) of Board............

22. Name the members of the *executive committee* of the *Board of Directors* of the respondent at the close of the year (naming first the chairman), and state briefly the powers and duties of that committee:

107. PRINCIPAL GENERAL OFFICERS

Line No.	Title of general officer (a)	Department or departments over which jurisdiction is exercised (b)	Name of person holding office at close of year (c)	Office address (d)
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
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54				
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56				
57				
58				
59				
60				

108. CORPORATE CONTROL OVER RESPONDENT *

61. Did any corporation or corporations, pipe line or other, hold control over the respondent at the close of the year?

If control was so held, state:

(a) The form of control, whether sole or joint

(b) The name of the controlling corporation or corporations

(c) The manner in which control was established

(d) The extent of control

(e) Whether control was direct or indirect

(f) The name of the intermediary through which control, if indirect, was established

62. Did any individual, association, or corporation hold control, as trustee, over the respondent at the close of the year?

If control was so held, state:

(a) The name of the trustee

(b) The name of the beneficiary or beneficiaries for whom the trust was maintained

(c) The purpose of the trust

108A. STOCKHOLDERS REPORTS

1. The respondent is required to send the Bureau of Accounts, immediately upon preparation, two copies of its latest annual report to stockholders.

Check appropriate box:

☐ Two copies are attached to this report.

☐ Two copies will be submitted ______.
(date)

☐ No annual report to stockholders is prepared.

---

* For definition of control see page 303.

109. VOTING POWERS AND ELECTIONS

1. State whether or not each share of stock has the right to one vote; if not, give full particulars in a footnote ....

2. Are voting rights proportional to holdings? .... If not, state in a footnote the relation between holdings and corresponding voting rights.

3. Are voting rights attached to any securities other than stock? .... If so, name in a footnote each security, other than stock, to which voting rights are attached (as of the close of the year), and state in detail the relation between holdings and corresponding voting rights, stating whether voting rights are actual or contingent, and if contingent showing the contingency.

4. Has any class or issue of securities any special privileges in the election of directors, trustees, or managers, or in the determination of corporate action by any method? .... If so, describe fully (in a footnote) each such class or issue and give a succinct statement showing clearly the character and extent of such privileges.

5. Give the date and state the purpose of the closing of the stock book or compilation of list of stockholders and their holdings at the latest date prior to the preparation of this report (even though such date be after the close of the year): ....

6. State the total voting power of all security holders of the respondent at the date given in answer to inquiry No. 5, if within 1 year of the date of such preparation; if not, state as of the close of the year .... votes, as of .... (Date)

7. State the total number of stockholders of record, as of the date shown in answer to inquiry No. 6. .... stockholders.

8. Give the names of the 30 security holders of the respondent who, at the date of the closing of the stock book or compilation of list of stockholders of the respondent (if within 1 year of the preparation of the report), had the highest voting powers in the respondent, showing for each his address, the number of votes which he would have had a right to cast on that date had a meeting then been in order, and the classification of the number of votes to which he was entitled, with respect to securities held by him, such securities being classified as common stock, second preferred stock, first preferred stock, and other securities, stating in a footnote the names of such other securities (if any). If any such holder held in trust, give (in a footnote) the particulars of the trust. *If the stock book was not closed or the list of stockholders compiled within such year, show such 30 security holders as of the close of the year.*

Line No.	Name of security holder	Address of security holder	Number of votes to which security holder was entitled	Number of Votes, Classified with Respect to Securities on Which Based			
				Stocks			Other securities with voting power
				Common	Preferred		
					Second	First	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1							
2							
3							
4							
5							
6							
7							
8							
9							
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11							
12							
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26							
27							
28							
29							
30							

9. State the total number of votes cast at the *latest* general meeting for the election of directors of the respondent .... votes cast.

10. Give the date and place of such meeting. ....

110. GUARANTIES AND SURETYSHIPS

1. If the respondent was under obligation as guarantor or surety for the performance by any other corporation or other association of any agreement or obligation, show for each such contract of guaranty or suretyship in effect at the close of the year, or entered into and expired during the year, the particulars called for hereunder.

This inquiry does not cover the case of ordinary commercial paper maturing on demand or not later than two years after date of issue.

Line No.	Names of all parties principally and primarily liable (a)	Description of agreement or obligation (b)	Amount of contingent liability (c)	Sole or joint contingent liability (d)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
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27				
28				

2. If any corporation or other association was under obligation as guarantor or surety for the performance by the respondent of any agreement or obligation, show for each such contract of guaranty or suretyship in effect at the close of the year, or entered into and expired during the year, the particulars called for hereunder.

This inquiry does not cover the case of ordinary commercial paper maturing on demand or not later than two years after date of issue, nor does it include ordinary surety bonds or undertakings on appeals in court proceedings.

Line No.	Description of agreement or obligation (a)	Names of all guarantors and sureties (b)	Amount of contingent liability of guarantors (c)	Sole or joint contingent liability (d)
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
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48				
49				
50				

200A. COMPARATIVE BALANCE SHEET STATEMENT—ASSET SIDE

For instructions covering this schedule, see the text and instructions pertaining to Balance Sheet Accounts in the Uniform System of Accounts for Pipe Lines. The entries in this balance sheet should be consistent with those in the supporting schedules on the pages indicated.

All contra entries hereunder should be indicated in parentheses.

Line No.	Balance at beginning of year (a)			Item (b)				Balance at close of year (c)		
	$							$		
1	x x	x x	x x	CURRENT ASSETS				x x	x x	x x
2				(10) Cash						
3				(11) Temporary investments						
4				(12) Notes receivable (p. 202)						
5				(13) Receivables from affiliated companies (p. 202)						
6				(14) Accounts receivable (p. 202)						
7				(15) Interest and dividends receivable						
8				(16) Oil inventory						
9				(17) Material and supplies						
10				(18) Prepayments						
11				(19) Other current assets						
12				TOTAL CURRENT ASSETS						
13	x x	x x	x x	INVESTMENTS AND SPECIAL FUNDS				x x	x x	x x
14	x x	x x	x x	(20) Investments in affiliated companies:				x x	x x	x x
15				Stocks (pp. 204, 205)						
16				Bonds (pp. 204, 205)						
17				Other secured olibgations (pp. 204, 205)						
18				Unsecured notes (pp. 204, 205)						
19				Investment advances (pp. 204, 205)						
20	x x	x x	x x	(21) Other investments:				x x	x x	x x
21				Stocks (pp. 206, 207)						
22				Bonds (pp. 206, 207)						
23				Other secured obligations (pp. 206, 207)						
24				Unsecured notes (pp. 206, 207)						
25				Investment advances (pp. 206, 207)						
26				(22) Sinking and other funds (p. 210)						
27				(23) Reductions in security values—Credit						
28				TOTAL INVESTMENTS AND SPECIAL FUNDS						
29	x x	x x	x x	TANGIBLE PROPERTY				x x	x x	x x
30				(30) Carrier property (pp. 212, 213)	$			x x	x x	x x
31				(31) Accrued depreciation—Carrier property (p. 214)				x x	x x	x x
32				(32) Accrued amortization—Carrier property (p. 216)						
33				(33) Operating oil supply						
34				(34) Noncarrier property (p. 217)	$					
35				(35) Accrued depreciation—Noncarrier property						
36				TOTAL TANGIBLE PROPERTY						
37	x x	x x	x x	OTHER ASSETS AND DEFERRED CHARGES				x x	x x	x x
38				(40) Organization costs and other intangibles	$			x x	x x	x x
39				(41) Accrued amortization of intangibles						
40				(42) Unamortized discount and interest on long-term debt						
41				(43) Miscellaneous other assets						
42				(44) Other deferred charges (p. 218)						
43				TOTAL OTHER ASSETS AND DEFERRED CHARGES						
44				TOTAL ASSETS						

200L. COMPARATIVE BALANCE SHEET STATEMENT—LIABILITY SIDE

For instructions covering this schedule, see the text and instructions pertaining to Balance Sheet Accounts in the Uniform System of Accounts for Pipe Lines. The entries in this balance sheet should be consistent with those in the supporting schedules on the pages indicated.

All contra entries hereunder should be indicated in parentheses.

Line No.	Balance at beginning of year (a)	Item (b)	Balance at close of year (c)
	$		$
1	x x x x x x	CURRENT LIABILITIES	x x x x x x
2		(50) Notes payable (p. 219)	
3		(51) Payables to affiliated companies (p. 219)	
4		(52) Accounts payable (p. 219)	
5		(53) Salaries and wages payable	
6		(54) Interest payable	
7		(55) Dividends payable	
8		(56) Taxes payable	
9		(57) Long-term debt payable within one year (pp. 220, 221)	
10		(58) Other current liabilities	
11		TOTAL CURRENT LIABILITIES	
12	x x x x x x	NONCURRENT LIABILITIES	x x x x x x
13		(60) Long-term debt payable after one year (pp. 222, 223)	
14		(61) Unamortized premium on long-term debt	
15		(63) Other noncurrent liabilities	
16		TOTAL NONCURRENT LIABILITIES	
17		TOTAL LIABILITIES	
18	x x x x x x	STOCKHOLDERS' EQUITY	x x x x x x
19		(70) Capital stock (p. 226)	
20		(71) Premiums on capital stock	
21		(72) Capital stock subscriptions	
22		(73) Additional paid-in capital (p. 228)	
23		(74) Appropriated retained income (p.229)	
24		(75) Unappropriated retained income (p. 300)	
25		TOTAL STOCKHOLDERS' EQUITY	
26		TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY	

1. Estimated accumulated net Federal income tax reduction realized since December 31, 1949, under section 168 (formerly section 124-A) of the Internal Revenue Code because of accelerated amortization of emergency facilities in excess of recorded depreciation . . . . $__________

2. Estimated accumulated net Federal income tax reduction realized since December 31, 1953, because of accelerated depreciation of facilities in excess of recorded depreciation under provisions of section 167 of the Internal Revenue Code and depreciation deductions resulting from the use of guideline lives since December 31, 1961, pursuant to Revenue Procedure 62-21 in excess of recorded depreciation . . . . $__________

3. Estimated accumulated net income tax reduction realized since December 31, 1961, because of the investment tax credit authorized in the Revenue Act of 1962 compared with the income taxes that would otherwise have been payable without such investment tax credit . . . . $__________

4. Estimated amount of future earnings which can be realized before paying Federal income taxes because of unused and available net operating loss carryover on January 1, 1970 . . . . $__________

210. NOTES RECEIVABLE

Give particulars of the various debtors and the character of the transactions involved in the current asset account No. 12, "Notes receivable."

List every item in excess of $100,000 and state its date of issue and date of maturity.

For debtors whose balances were severally less than $100,000, a single entry may be made under a caption "Minor accounts, each less than $100,000."

Line No.	Name of debtor (a)	Character of assets or of transaction (b)	Date of issue (c)	Date of maturity (d)	Balance at close of year (e)
					$
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12				Total	

211. RECEIVABLES FROM AFFILIATED COMPANIES

Give particulars of the various affiliated company debtors and the character of the transactions involved in the current asset account No. 13, "Receivables from affiliated companies."

List every item in excess of $100,000.

For debtors whose balances were severally less than $100,000, a single entry may be made under a caption "Minor accounts, each less than $100,000."

Line No.	Name of debtor (a)	Character of assets or of transaction (b)	Balance at close of year (c)
			$
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42		Total	

212. ACCOUNTS RECEIVABLE

Give particulars of the various debtors and the character of the transactions involved in the current asset account No. 14, "Accounts receivable."

List every item in excess of $100,000.

For debtors whose balances were severally less than $100,000, a single entry may be made under a caption "Minor accounts, each less than $100,000."

Line No.	Name of debtor (a)	Character of assets or of transaction (b)	Balance at close of year (c)
			$
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			
61			
62		Total	

GENERAL INSTRUCTIONS CONCERNING RETURNS IN SCHEDULES 220 AND 221

1. Schedules 220 and 221 should give particulars of stocks, bonds, notes, advances, and miscellaneous securities of affiliated and nonaffiliated companies held by respondent at close of year specifically as investments; investments made or disposed of during the year; and dividends and interest credited to income. They should exclude securities issued or assumed by respondent.

2. Two companies are affiliated, as the term is here used, when one directly or indirectly controls the other, or when they are subject to a common control.

3. By "control," as the term is here used, is meant the ability to determine the action of a company. Attention is specifically directed to section 1 (3) (b) of Part I of the Interstate Commerce Act which provides that, "For the purposes of sections 5, 12 (1), 20, 204 (a) (7), 210, 220, 304 (b), 310, and 313 of this Act, where reference is made to control (in referring to a relationship between any person or persons and another person or persons), such reference shall be construed to include actual as well as legal control, whether maintained or exercised through or by reason of the method of or circumstances surrounding organization or operation, through or by common directors, officers, or stockholders, a voting trust or trusts, a holding or investment company or companies, or through or by any other direct or indirect means; and to include the power to exercise control.

4. For the purposes of this report, the following are to be considered forms of control:
   - (a) Right through title to securities issued or assumed to exercise the major part of the voting power in the controlled company;
   - (b) Right through agreement or through sources other than title to securities to name the majority of the board of directors, managers, or trustees of the controlled company;
   - (c) Right to foreclose a priority lien upon all or a major part in value of the tangible property of the controlled company;
   - (d) Right to secure control in consequence of advances made for construction of the property of the controlled company.

   Indirect control is that exercised through an intermediary.

5. A leasehold interest in the property of a company is not for the purpose of these accounts to be classed as a form of control over the lessor company.

6. These investments should be subdivided to show the par value pledged, unpledged, and held in fund accounts. Under "pledged" include the par value of securities recorded in accounts Nos. 20, "Investments in affiliated companies," and 21, "Other investments," which are deposited with some pledgee or other trustee, or held subject to the lien of a chattel mortgage, or subject to any other restriction or condition which makes them unavailable for general corporate purposes. "Unpledged" should include all securities held by or for the respondent free from any lien or restriction, recorded in the accounts mentioned above. Under "In sinking, insurance and other funds" include the par value of securities recorded in account No. 22, "Sinking and other funds."

7. List the investments in the following order and show a total for each group and each class of investments by accounts in numerical order:
   - (A) Stocks:
     - 1. Pipe-line companies—active.
     - 2. Pipe-line companies—inactive.
     - 3. Non-pipe-line companies—active.
     - 4. Non-pipe-line companies—inactive.
   - (B) Bonds (including U. S. Government Bonds).
   - (C) Other secured obligations.
   - (D) Unsecured notes.
   - (E) Investment advances.

8. The subclassification of classes (B), (C), (D), and (R) should be the same as that provided for class (A).

9. By an active corporation is meant one which maintains an organization for operating property or administering its financial affairs. An inactive corporation is one which has been practically absorbed in a controlling corporation, and which neither operates property nor administers its financial affairs; if it maintains an organization it does so only for the purpose of complying with legal requirements and maintaining title to property or franchises.

220. INVESTMENTS IN AFFILIATED COMPANIES

Give particulars of investments included in accounts Nos. 20, "Investments in affiliated companies" and 22, "Sinking and other funds."

Entries in this schedule should be made in accordance with the definitions and general instructions given on page 203, classifying the investments by means of letters and figures in columns (*a*) and (*b*).

Indicate by means of an arbitrary mark in column (*c*) the obligation in support of which any security is pledged, mortgaged, or otherwise encumbered, giving names and other important particulars of such obligations in footnotes.

Give totals for each class and for each subclass, and a grand total for each account.

Entries in column (*c*) should show date of maturity of bonds and other evidences of indebtedness. In case obligations of the same designation mature serially, the date in column (*c*) may be reported as "Serially 19...... to 19......." In making entries in this column, abbreviations in common use in standard financial publications may be used where necessary on account of limited space.

Line No.	Account No.	Class No.	Name of issuing company and description of security held, also lien reference, if any	Extent of control	INVESTMENTS AT CLOSE OF YEAR			
					PAR VALUE OF AMOUNT HELD AT CLOSE OF YEAR			
					Pledged	Unpledged	In sinking, insurance, and other funds	Total par value
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
				%	$	$	$	$
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
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51								

547

220. INVESTMENTS IN AFFILIATED COMPANIES—Concluded

If any of the companies included in this schedule are controlled by respondent, the percent of control should be given in column (*d*). In case any company listed is controlled other than through actual ownership of securities, give particulars in a footnote. In cases of joint control, give names of other parties and particulars of control.

For nonpar stock, show the number of shares in lieu of the par value in columns (*e*), (*f*), (*g*), (*h*), (*j*), and (*l*).

In reporting advances, columns (*e*), (*f*), (*g*), (*h*), (*j*), and (*l*) should be left blank. If any advances are pledged, give particulars in a footnote.

Particulars of investments made, disposed of, or written down during the year should be given in columns (*j*) to (*n*), inclusive. If the cost of any investment made during the year differs from the book value reported in column (*k*), explain the matter in a footnote. By "cost" is meant the consideration given minus accrued interest or dividends included therein. If the consideration given or received for such investments was other than cash, describe the transaction in a footnote.

This schedule should not include issued securities or assumed by respondent.

Investments at Close of Year	Investments Made During Year		Investments Disposed of or Written Down During Year			Dividends or Interest		Line No.
Total book value (i)	Par value (j)	Book value (k)	Par value (l)	Book value (m)	Selling price (n)	Rate (o)	Amount credited to income (p)	
$	$	$	$	$	$	%	$	
								1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
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221. OTHER INVESTMENTS

1. Give particulars of investments in all corporations other than affiliated companies included in accounts Nos. 21, "Other investments" and 22, "Sinking and other funds."

2. Entries in this schedule should be made in accordance with the definitions and general instructions given on page 203, classifying the investments by means of letters and figures in columns (*a*) and (*b*). Investments in U. S. Treasury bills and notes may be reported as one item.

3. Indicate by means of an arbitrary mark in column (*c*) the obligation in support of which any security is pledged, mortgaged, or otherwise encumbered, giving names and other important particulars of such obligations in footnotes.

4. Give totals for each class and for each subclass, and a grand total for each account.

5. Entries in column (*c*) should show date of maturity of bonds and other evidences of indebtedness. In case obligations of the same designation

Line No.	Account No.	Class No.	Name of issuing company and description of security held, also lien reference, if any	Investments at Close of Year			
				Par value of amount held at close of year			
				Pledged	Unpledged	In sinking, insurance, and other funds	Total par value
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
				$	$	$	$
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
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52							

221. OTHER INVESTMENTS—Concluded

mature serially, the date in column (*c*) may be reported as "Serially 19...... to 19......." In making entries in this column, abbreviations in common use in standard financial publications may be used where necessary on account of limited space.

6. For nonpar stock, show the number of shares in lieu of the par value in columns (*d*), (*e*), (*f*), (*g*), (*i*), and (*k*).

7. In reporting advances, columns (*d*), (*e*), (*f*), (*g*), (*i*), and (*k*) should be left blank. If any advances are pledged, give particulars in a footnote.

8. Particulars of investments made, disposed of, or written down during the year should be given in columns (*i*) to (*m*), inclusive. If the cost of any investment made during the year differs from the book value reported in column (*j*) explain the matter in a footnote. By "cost" is meant the consideration given minus accrued interest or dividends included therein. If the consideration given or received for such investments was other than cash, describe the transaction in a footnote.

INVESTMENTS AT CLOSE OF YEAR	INVESTMENTS MADE DURING YEAR		INVESTMENTS DISPOSED OF OR WRITTEN DOWN DURING YEAR			DIVIDENDS OR INTEREST		Line No.
Total book value (h)	Par value (i)	Book value (j)	Par value (k)	Book value (l)	Selling price (m)	Rate (n)	Amount credited to income (o)	
$	$	$	$	$	$	%	$	
								1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
								13
								14
								15
								16
								17
								18
								19
								20
								21
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								36
								37
								38
								39
								40
								41
								42
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								47
								48
								49
								50
								51
								52

222. COMPANIES CONTROLLED DIRECTLY BY RESPONDENT OTHER THAN THROUGH TITLE TO SECURITIES

(For definition of control, see instructions on p. 203)

Line No.	Name of company controlled (a)	Character of Control: Sole or joint (b)	Character of Control: Other parties, if any, to joint agreement for control (c)	Character of Control: How established (d)	Character of Control: Extent (e)	Remarks (f)
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						

223. COMPANIES CONTROLLED THROUGH NONREPORTING INTERMEDIARIES

(For definition of control, see instructions on p. 203)

Line No.	Name of company controlled (a)	Character of Control: Sole or joint (b)	Character of Control: Other parties, if any, to joint agreement for control (c)	Character of Control: How established (d)	Character of Control: Extent (e)	Name of intermediary through which indirect control exists (f)
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						

224. SECURITIES, ADVANCES, AND OTHER INTANGIBLES OWNED OR CONTROLLED THROUGH NONREPORTING CARRIER AND NONCARRIER SUBSIDIARIES

Give particulars of investments represented by securities and advances (including securities issued or assumed by respondent), and of other intangible property, indirectly owned or controlled by respondent through any subsidiary which does not report to the Commission under the provisions of Part 1 of the Interstate Commerce Act, without regard to any question of whether the company issuing the securities, or the obligor, is controlled by the subsidiary.

This schedule should include all securities, open account advances, and other intangible property owned or controlled by nonreporting companies shown in schedules 220, 222, and 223, as well as those owned or controlled by any other organization or individual whose action respondent is enabled to determine.

Investments in U. S. Treasury obligations may be combined in a single item.

Line No.	Class No. (a)	Name of issuing company and security or other intangible thing in which investment is made. (List on same line in second section and in same order as in first section.) (b)	Investments at Close of Year: Total par value (c)	Investments at Close of Year: Total book value (d)	Investments Made During Year: Par value (e)	Investments Made During Year: Book value (f)
			$	$	$	$
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						

Line No.	Investments Disposed of or Written Down During Year: Par value (g)	Investments Disposed of or Written Down During Year: Book value (h)	Investments Disposed of or Written Down During Year: Selling price (i)	Names of subsidiaries in connection with things owned or controlled through them (j)
	$	$	$	
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
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22				
23				
24				

225. SINKING AND OTHER FUNDS

Give the particulars called for with respect to funds included in account No. 22, "Sinking and other funds."

In column (*b*) give the name by which the fund is designated in the respondent's records; the kind of fund, such as sinking, capital, property insurance, pension, and relief; the rate of interest (if any); and the date of maturity.

Entries in column (*g*) should be the sums of corresponding entries in columns (*d*) and (*e*), less those shown in column (*f*), and the sum of entries in columns (*h*), (*j*), and (*l*) should equal those in column (*g*).

All conversions of cash into securities, or vice versa, shall be treated as withdrawals from the fund in column (*f*) and as additions to the fund in column (*e*).

Line No.	Account No. (a)	Name, kind, and purpose of fund. (List on same line in second section and in same order as in first section) (b)	Name of trustee or depositary (c)	Balance at beginning of year—Book value (d)
1				$
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				

Line No.	Additions during the year—Book value (e)	Withdrawals during the year—Book value (f)	Balance at close of year—Book value (g)	ASSETS IN FUNDS AT CLOSE OF YEAR				
					SECURITIES ISSUED OR ASSUMED BY RESPONDENT		OTHER SECURITIES AND INVESTED ASSETS	
				Cash (h)	Par value (i)	Book value (j)	Par value (k)	Book value (l)
1	$	$	$	$	$	$	$	$
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
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19								
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21								

230. CARRIER PROPERTY

INSTRUCTIONS

Give an analysis of changes during the year in account No. 30, "Carrier Property," by carrier-property accounts.

Show in column (c) the debits representing newly constructed property, and additions and improvements made to existing property. Both the debits and credits involved in the distribution to carrier property primary accounts of amounts previously charged to account No. 187 should be entered in column (c). In column (d) show expenditures for existing pipe line property purchased or otherwise acquired. Show in column (e) the total credits representing property sold, abandoned, or otherwise retired during the year.

If during the year pipe line operating property was acquired from or sold to some other company, the purchase or sales price for which was in excess of $50,000, state in a footnote the name of the company, the mileage acquired or disposed of, and the date of acquisition or disposal, giving termini and the cost of the property to the respondent. Also furnish a statement of the amount included in or credited to each primary account representing such property acquired or disposed of.

Show in column (g) for each primary account the net of all accounting adjustments, transfers, and clearances applicable to prior years' accounting.

Each adjustment, clearance, or transfer in excess of $100,000 should be fully explained in a footnote, except that transfers to or from account No. 34, "Noncarrier property," should be explained in schedule 234.

An entry in columns (f), (g), or (h) which represents an excess of credits over debits should be indicated in parenthesis.

Line No.	Account	Balance at beginning of year		
	(a)		(b)	
		$		
1	GATHERING LINES	x x	x x	x x
2	(101) Land			
3	(102) Right of way			
4	(103) Line pipe			
5	(104) Line pipe fittings			
6	(105) Pipeline construction			
7	(106) Buildings			
8	(107) Boilers			
9	(108) Pumping equipment			
10	(109) Machine tools and machinery			
11	(110) Other station equipment			
12	(111) Oil tanks			
13	(112) Delivery facilities			
14	(113) Communication systems			
15	(114) Office furniture and equipment			
16	(115) Vehicles and other work equipment			
17	(116) Other property			
18	TOTAL			
19	TRUNK LINES	x x	x x	x x
20	(151) Land			
21	(152) Right of way			
22	(153) Line pipe			
23	(154) Line pipe fittings			
24	(155) Pipeline construction			
25	(156) Buildings			
26	(157) Boilers			
27	(158) Pumping equipment			
28	(159) Machine tools and machinery			
29	(160) Other station equipment			
30	(161) Oil tanks			
31	(162) Delivery facilities			
32	(163) Communication systems			
33	(164) Office furniture and equipment			
34	(165) Vehicles and other work equipment			
35	(166) Other property			
36	TOTAL			
37	GENERAL	x x	x x	x x
38	(171) Land			
39	(176) Buildings			
40	(179) Machine tools and machinery			
41	(183) Communication systems			
42	(184) Office furniture and equipment			
43	(185) Vehicles and other work equipment			
44	(186) Other property			
45	(187) Construction work in progress			
46	TOTAL			
47	GRAND TOTAL			

220. CARRIER PROPERTY—Concluded

PROPERTY CHANGES DURING THE YEAR				Other adjustments, transfers and clearances (g)	Increase or decrease during the year (h)	Balance at close of year (i)	Line No.
Expenditures for new construction and improvements (c)	Expenditures for existing property purchased or otherwise acquired (d)	Credits for property sold, abandoned, or otherwise retired during the year (e)	Net (f)				
$	$	$	$	$	$	$	
							1
							2
							3
							4
							5
							6
							7
							8
							9
							10
							11
							12
							13
							14
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							44
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231. ACCRUED DEPRECIATION—CARRIER PROPERTY

Give particulars of the credits and debits to account No. 31, "Accrued depreciation—carrier property," during the year. All contra items in the respective columns herein should be indicated in parentheses.

Line No.	Account (a)	Balance at beginning of year (b)	Charged to account No. 540 (c)	Net charge from retirement of carrier property (d)	Other debits and credits—Net (e)	Balance at close of year (f)
	GATHERING LINES	$	$	$	$	$
1	(102) Right of way					
2	(103) Line pipe					
3	(104) Line pipe fittings					
4	(105) Pipeline construction					
5	(106) Buildings					
6	(107) Boilers					
7	(108) Pumping equipment					
8	(109) Machine tools and machinery					
9	(110) Other station equipment					
10	(111) Oil tanks					
11	(112) Delivery facilities					
12	(113) Communication systems					
13	(114) Office furniture and equipment					
14	(115) Vehicles and other work equipment					
15	(116) Other property					
16	TOTAL					
	TRUNK LINES					
17	(152) Right of way					
18	(153) Line pipe					
19	(154) Line pipe fittings					
20	(155) Pipeline construction					
21	(156) Buildings					
22	(157) Boilers					
23	(158) Pumping equipment					
24	(159) Machine tools and machinery					
25	(160) Other station equipment					
26	(161) Oil tanks					
27	(162) Delivery facilities					
28	(163) Communication systems					
29	(164) Office furniture and equipment					
30	(165) Vehicles and other work equipment					
31	(166) Other property					
32	TOTAL					
	GENERAL					
33	(176) Buildings					
34	(179) Machine tools and machinery					
35	(183) Communication systems					
36	(184) Office furniture and equipment					
37	(185) Vehicles and other work equipment					
38	(186) Other property					
39	TOTAL					
40	GRAND TOTAL					

232. DEPRECIATION BASE AND RATES

1. Show in columns (*b*) and (*c*) for each depreciable carrier property account the balance at the beginning and end of the year, respectively, used in computing depreciation charges. The average depreciation base in column (*d*) should be determined for each such depreciable account by adding together the base used for each month during the year and then dividing the total by 12.

2. If composite annual depreciation rates are prescribed, those in effect at the close of the year should be shown in column (*e*). If component rates are prescribed, the composite rates to be shown in column (*e*) should be computed from the charges developed for December by application of the prescribed component rates. Whether component or composite rates are prescribed, the entries on lines 16, 32, 39, and 40 of column (*e*) should be computed from December depreciation charges.

3. Information to be included in columns (*b*) and (*c*) of lines 41 to 45 inclusive, is for reconciliation of the returns in this schedule with those in schedule 230.

4. Entries on line 43 should agree with totals for the beginning and end of the year in columns (*b*) and (*c*), respectively, of schedule 233, "Amortisation Base and Reserve." Amounts included in line 43, "Values being amortized," should be excluded from items shown on lines 41 and 42.

Line No.	Account (a)	Depreciation Base Balance at beginning of year (b)	Depreciation Base Balance at close of year (c)	Depreciation Base Average balance for the year (d)	Annual composite rates (e)
	DEPRECIABLE CARRIER PROPERTY—GATHERING LINES	$	$	$	%
1	(102) Right of way				
2	(103) Line pipe				
3	(104) Line pipe fittings				
4	(105) Pipeline construction				
5	(106) Buildings				
6	(107) Boilers				
7	(108) Pumping equipment				
8	(109) Machine tools and machinery				
9	(110) Other station equipment				
10	(111) Oil tanks				
11	(112) Delivery facilities				
12	(113) Communication systems				
13	(114) Office furniture and equipment				
14	(115) Vehicles and other work equipment				
15	(116) Other property				
16	All depreciable gathering lines accounts				
	DEPRECIABLE CARRIER PROPERTY—TRUNK LINES				
17	(152) Right of way				
18	(153) Line pipe				
19	(154) Line pipe fittings				
20	(155) Pipeline construction				
21	(156) Buildings				
22	(157) Boilers				
23	(158) Pumping equipment				
24	(159) Machine tools and machinery				
25	(160) Other station equipment				
26	(161) Oil tanks				
27	(162) Delivery facilities				
28	(163) Communication systems				
29	(164) Office furniture and equipment				
30	(165) Vehicles and other work equipment				
31	(166) Other property				
32	All depreciable trunk lines accounts				
	DEPRECIABLE CARRIER PROPERTY—GENERAL				
33	(176) Buildings				
34	(179) Machine tools and machinery				
35	(183) Communication systems				
36	(184) Office furniture and equipment				
37	(185) Vehicles and other work equipment				
38	(186) Other property				
39	All depreciable general accounts				
40	All depreciable carrier property accounts				
	NONDEPRECIABLE CARRIER PROPERTY (See instruction 3)				
41	(101—151—171) Land			x x x x x x	x x x x x x
42	(187) Construction work in progress			x x x x x x	x x x x x x
43	Values being amortized (see instruction 4)			x x x x x x	x x x x x x
44	All nondepreciable carrier property			x x x x x x	x x x x x x
45	Total investment in carrier property			x x x x x x	x x x x x x

233. AMORTIZATION BASE AND RESERVE

1. Show in columns (*b*) to (*e*) the cost of pipeline property used as the base in computing amortization charges included in account No. 540, "Depreciation and amortization," of the accounting company.

2. Show in columns (*f*) to (*i*) the balances at the beginning and close of the year and the total credits and debits during the year in account No. 32, "Accrued amortization—Carrier property."

3. The information requested for columns (*b*) to (*i*), inclusive, may be shown by projects, or for totals only.

4. If amounts represented in column (*g*) are different from corresponding charges to account No. 540, for the same property, such differences should be explained in detail.

5. Adjustments included in column (*h*), affecting operating expenses, should be fully explained.

6. Should respondent elect to report by projects, each project amounting to $10,000 or more should be briefly described as to kind of property. Location of property should not be stated. Items less than $10,000 should be combined in a single entry designated "Minor items ...... in number, each less than $10,000."

Line No.	Item (a)	Base				Reserve			
		Balance at beginning of year (b)	Debits during year (c)	Credits during year (d)	Balance at close of year (e)	Balance at beginning of year (f)	Credits during year (g)	Debits during year (h)	Balance at close of year (i)
		$	$	$	$	$	$	$	$
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38	Total								

234. NONCARRIER PROPERTY

Give particulars of all investments of the respondent in physical property includable in account No. 34, "Noncarrier property," in the Uniform System of Accounts for Pipe Lines. The description of the property in column (a) should give the location and other identification of it with a reasonable degree of particularity.

Each item amounting to $100,000 or more should be stated; items less than $100,000 may be combined in a single entry designated "Minor items, each less than $100,000."

If any property of the character provided for in this schedule was disposed of during the year, or by reclassification was transferred to or from the carrier property accounts, give particulars in a footnote.

The revenues, expenses, and taxes of operated properties should be summarized in schedule 340 on page 305.

Line No.	Name and description of physical property held at close of year as an investment (a)	Date included in account No. 34 (b)	Book cost at close of year (c)	Remarks (d)
1			$	
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40		Total		

240. OTHER DEFERRED CHARGES

Give an analysis of the balance in account No. 44, "Other deferred charges," at the close of the year, showing in detail each item or subaccount amounting to $20,000 or more. Items less than $20,000 may be combined in a single entry designated "Minor items, each less than $20,000." In case the character of any item is not fully disclosed by the entries in the columns hereunder, make a full explanation in a footnote.

Line No.	Description and character of items, and names of debtor (or class of debtors), if any (a)	Amount at close of year (b)
		$
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30	TOTAL	

250. NOTES PAYABLE

Give particulars of the various creditors and the character of the transactions involved in the current liability account No. 50, "Notes payable."

List every item in excess of $100,000 and state its date of issue and date of maturity.

For creditors whose balances were severally less than $100,000, a single entry may be made under a caption "Minor accounts, each less than $100,000."

Entries in columns (g) and (h) should include interest accruals and interest payments on notes payable retired during the year, even though no portion of the obligation remained outstanding at the close of the year.

Line No.	Name of creditor (a)	Character of liability or of transaction (b)	Date of issue (c)	Date of maturity (d)	Rate of interest (e)	Balance at close of year (f)	Interest accrued during year (g)	Interest paid during year (h)
1					%	$	$	$
2								
3								
4								
5								
6								
7								
8								
9								
					TOTAL			

251. PAYABLES TO AFFILIATED COMPANIES

Give particulars of the various affiliated company creditors and the character of the transactions involved in the current liability account No. 51, "Payables to affiliated companies."

List every item in excess of $100,000.

For creditors whose balances were severally less than $100,000, a single entry may be made under a caption "Minor accounts, each less than $100,000."

Line No.	Name of creditor (a)	Character of liability or of transaction (b)	Balance at close of year (c)
21			$
22			
23			
24			
25			
26			
27			
28			
29			
		TOTAL	

252. ACCOUNTS PAYABLE

Give particulars of the various creditors and the character of the transactions involved in the current liability account No. 52, "Accounts payable."

List every item in excess of $100,000.

For creditors whose balances were severally less than $100,000, a single entry may be made under a caption "Minor accounts, each less than $100,000."

Line No.	Name of creditor (a)	Character of liability or of transaction (b)	Balance at close of year (c)
41			$
42			
43			
44			
45			
46			
47			
48			
49			
		TOTAL	

263. LONG-TERM DEBT PAYABLE WITHIN ONE YEAR

Give particulars of the various unmatured bonds and other evidences of long-term debt of the respondent included in account No. 57, "Long-term debt payable within one year" at the close of the year.

In column (a) show the name of each bond or other obligation as it is designated in the records of the respondent.

In case obligations of the same designation mature serially or otherwise at various dates, enter in column (c) the latest date of maturity and explain the matter in a footnote.

Column (d) calls for the par value of the amount of debt authorized to be incurred, as determined by the final authority whose assent is necessary to the legal validity of the issue. In case such final authority is some public officer or board, attach a footnote showing such officer or board and the date when assent was given.

Line No.	Name and character of obligation (a)	Nominal date of issue (b)	Date of maturity (c)	Par value of amount authorized (d)	Total par value issued and not retired at close of year (e)	Total Par Value Nominally Issued: In treasury (f)	Total Par Value Nominally Issued: Pledged as collateral (g)	Total Par Value Nominally Issued: In sinking or other funds (h)
	MORTGAGE BONDS:			$	$	$	$	$
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12	Total for mortgage bonds							
13	COLLATERAL TRUST BONDS:							
14								
15								
16								
17								
18								
19	Total for collateral trust bonds							
20	INCOME BONDS:							
21								
22								
23								
24	Total for income bonds							
25	MISCELLANEOUS OBLIGATIONS:							
26								
27								
28								
29								
30								
31								
32								
33								
34								
35	Total for miscellaneous obligations							
36	NONNEGOTIABLE DEBT TO AFFILIATED COMPANIES:							
37								
38								
39								
40								
41								
42								
43								
44								
45	Total for nonnegotiable debt to affiliated companies							
46	GRAND TOTAL							

253. LONG-TERM DEBT PAYABLE WITHIN ONE YEAR—Concluded

Entries in column (*e*) should include long-term debt nominally issued, nominally outstanding, and actually outstanding.

Entries should conform to the definitions of "nominally issued", "actually issued", etc., as given in the last paragraph of instructions on page 226.

If the interest accrued during the year as entered in columns (*o*) and (*p*) does not aggregate the total accrual for the year on any security, explain the discrepancy. Entries in these columns should include interest accrued on long-term debt reacquired or retired during the year, although no portion of the issue is actually outstanding at the close of the year.

In determining the entries for column (*q*), do not treat any interest as paid unless the liability of the respondent in respect to it is extinguished. Deposits of cash with banks and other fiscal agents for the payment of interest coupons should not be reported as payments of such interest until actually paid to coupon holders or others under such circumstances as to relieve the respondent from further liability.

TOTAL PAR VALUE NOMINALLY OUTSTANDING			Total par value actually outstanding at close of year (l)	INTEREST PROVISIONS		Amount of interest accrued during year charged to income (o)	Amount of interest charged to construction or other investment account (p)	Amount of interest paid during year (q)	Line No.
In treasury (i)	Pledged as collateral (j)	In sinking or other funds (k)		Rate per-cent per annum (m)	Dates due (n)				
$	$	$	$			$	$	$	
									1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
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									37
									38
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									40
									41
									42
									43
									44
									45
									46

260. LONG-TERM DEBT PAYABLE AFTER ONE YEAR

Give particulars of the various unmatured bonds and other evidences of long-term debt of the respondent included in account No. 60, "Long-term debt payable after one year," maturing more than one year from the date of the balance sheet.

In column (a) show the name of each bond or other obligation as it is designated in the records of the respondent.

In case obligations of the same designation mature serially or otherwise at various dates, enter in column (c) the latest date of maturity and explain the matter in a footnote.

Column (d) calls for the par value of the amount of debt authorized to be incurred, as determined by the final authority whose assent is necessary to the legal validity of the issue. In case such final authority is some public officer or board, attach a footnote showing such officer or board and the date when assent was given. In all cases where any issues, whether actual or merely nominal, were made during the year, state on page 224 the purposes for which such issues were authorized as expressed in the resolution of the final authority passing on the matter.

Line No.	Name and character of obligation (a)	Nominal date of issue (b)	Date of maturity (c)	Par value of amount authorized (d)	Total par value issued and not retired at close of year (e)	Total Par Value Nominally Issued In treasury (f)	Pledged as collateral (g)	In sinking or other funds (h)
	Mortgage Bonds:			$	$	$	$	$
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12	Total for mortgage bonds							
13	**Collateral Trust Bonds:**							
14								
15								
16								
17								
18								
19	Total for collateral trust bonds							
20	**Income Bonds:**							
21								
22								
23								
24	Total for income bonds							
25	**Miscellaneous Obligations:**							
26								
27								
28								
29								
30								
31								
32								
33								
34								
35	Total for miscellaneous obligations							
36	**Nonnegotiable Debt to Affiliated Companies:**							
37								
38								
39								
40								
41								
42								
43								
44								
45	Total for nonnegotiable debt to affiliated companies							
46	Grand Total							

260. LONG-TERM DEBT PAYABLE AFTER ONE YEAR—Concluded

Entries in column (*e*) should include long-term debt nominally issued, nominally outstanding, and actually outstanding.

Entries should conform to the definitions of "nominally issued", "actually issued", etc., as given in the last paragraph of instructions on page 226.

If the interest accrued during the year as entered in columns (*o*) and (*p*) does not aggregate the total accrual for the year on any security, explain the discrepancy. Entries in these columns should include interest accrued on long-term debt reacquired or retired during the year, although no portion of the issue is actually outstanding at the close of the year.

In determining the entries for column (*q*), do not treat any interest as paid unless the liability of the respondent in respect to it is extinguished. Deposits of cash with banks and other fiscal agents for the payment of interest coupons should not be reported as payments of such interest until actually paid to coupon holders or others under such circumstances as to relieve the respondent from further liability.

TOTAL PAR VALUE NOMINALLY OUTSTANDING			Total par value actually outstanding at close of year	INTEREST PROVISIONS		Amount of interest accrued during year charged to income	Amount of interest charged to construction or other investment account	Amount of interest paid during year	Line No.
In treasury (i)	Pledged as collateral (j)	In sinking or other funds (k)	(l)	Rate per cent per annum (m)	Dates due (n)	(o)	(p)	(q)	
$	$	$	$			$	$	$	
									1
									2
									3
									4
									5
									6
									7
									8
									9
									10
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									35
									36
									37
									38
									39
									40
									41
									42
									43
									44
									45
									46

261. LONG-TERM DEBT CHANGES DURING THE YEAR

Give particulars of long-term debt actually or nominally issued (either original issues or reissues); long-term debt assumed; and long-term debt reacquired or canceled during the year. Include matured and unmatured long-term debt changes during the year. In column (*c*) state whether issued for the purchase of a complete pipe line; constructing and equipping new plant; or improvements to or extension of existing plant; for refunding or paying outstanding securities, for acquisition of securities, for reorganization, or for cash, etc. If an issue of securities was authorized for more than one purpose, state amount applicable to each purpose. Also give the number and date of authorisation by the public authority under whose control such issue was made, naming such authority. In column (*e*) include as cash all money, checks, drafts, bills of exchange, and other commercial paper payable at par on demand. For nominally issued securities show returns in columns (*a*), (*b*), (*c*), and (*d*) only.

For each class of long-term debt actually issued, the sum of the entries in columns (*e*), (*f*), and (*h*), plus discounts or less premiums in column (*g*), should equal the entry in column (*d*). For definition of expense, reportable in column (*h*), see definition 14 on page 3 of the Uniform System of Accounts for Pipe Lines.

Line No.	Name of obligation (a)	Long-Term Debt Issued During Year Date of issue (b)	Purpose of the issue and authority (c)	Par value (d)	Net proceeds received for issue (cash or its equivalent) (e)
				$	$
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21			Total		

Line No.	Long-Term Debt Issued During Year—Concluded			Long-Term Debt Reacquired During Year		Remarks (k)
	Cash value of other property acquired or services received as consideration for issue (f)	Net total discounts (in black) or premiums (in red). Excludes entries in column (*h*) (g)	Expense of issuing long-term debt (h)	Amount reacquired Par value (i)	Amount reacquired Purchase price (j)	
	$	$	$	$	$	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						

252. SECURITY FOR LONG-TERM DEBT

Give particulars of the property of the respondent mortgaged, pledged, or otherwise encumbered as security for the unmatured long-term debt of the respondent at the close of the year.

Give a footnote reference to each sinking fund required to be established for the redemption or retirement of long-term debt, naming the fund and referring to the page and schedule of this report wherein particulars of such fund are shown; if no such fund has been established, state fully the reasons why the sinking fund requirements have not been complied with. Give an abstract or synopsis of the contract provisions governing the establishment and maintenance of each such fund.

The respondent may, in lieu of giving the particulars called for in this schedule, furnish copies of all mortgages, trust deeds, and equivalent instruments in force at the close of the year, or give reference to copies of such instruments previously filed with the Commission. All instruments, copies of which are filed or referred to, should be listed in column (a).

If the respondent has mortgaged or pledged any of its property for the purpose of securing the payment of any debt for which some other company is primarily responsible, give particulars of such mortgage or pledge also, and state the name of the primary debtor. Show what security has been taken by the respondent in connection with the loan of its credit.

Line No.	Designation of mortgage, pledge, or other lien (a)	Plant and equipment mortgaged (b)	Securities, income, etc., mortgaged or pledged (c)
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

270. CAPITAL STOCK

Give particulars of the various issues of capital stock of the respondent, distinguishing separate issues of any general class, if different in any respect.

In the second section list particulars of the various issues on the same lines and in the same order as in the first section.

In stating the date of an authorization the date of the latest assent or ratification necessary to its validity should be shown; e. g., in case an authorization is required to be ratified by stockholders after action by the board of directors, but is not required to be approved by any State or other governmental board or officer, give the date of approval by stockholders; if the assent of a State railroad commission or other public board or officer is necessary, give the date of such assent, or if subsequent to such assent notice has to be filed with a secretary of state or other public officer and a tax or other fee has to be paid as a *condition precedent* to the validity of the issue, give the date of such payment. In case some *condition precedent* has to be complied with after the approval and ratification of the stockholders has been obtained, state, in a footnote, the particulars of such condition and of the respondent's compliance therewith.

For the purposes of this report, capital stock and other securities are considered to be *nominally issued* when certificates have been signed, certified, or otherwise executed, and placed with the proper officer for sale and delivery, or pledged, or otherwise placed in some special fund of the respondent. They are considered to be *actually issued* when sold to a bona fide purchaser for a valuable consideration, and such purchaser holds free from control by the respondent. All securities actually issued and not reacquired by or for the respondent are considered to be *actually outstanding*.

Line No.	Class of stock	Date issue was authorized	Par value per share (If nonpar, so state)	Preferred Stock								
				Dividend rate specified in contract	Total amount of accumulated dividends	Cumulative		Noncumulative ("Yes" or "No")	Other Provisions of Contract			
						To extent earned ("Yes" or "No")	Fixed % rate or percent specified by contract		Convertible ("Yes" or "No")	Callable or redeemable ("Yes" or "No")	Participating	
											Fixed amount or percent (Specify)	Fixed ratio with common (Specify)
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1	Common		$	x x x x x	$ x x x x x x	x x x x x	x x x x x	x x x x x	x x x x x	x x x x x	x x x x x	x x x x x
2				x x x x x	x x x x x x	x x x x x	x x x x x	x x x x x	x x x x x	x x x x x	x x x x x	x x x x x
3				x x x x x	x x x x x x	x x x x x	x x x x x	x x x x x	x x x x x	x x x x x	x x x x x	x x x x x
4				x x x x x	x x x x x x	x x x x x	x x x x x	x x x x x	x x x x x	x x x x x	x x x x x	x x x x x
5	Preferred											
6												
7												
8												
9												
10	Receipts outstanding for subscriptions paid*											
11												
12												
13	Total		x x x x x	x x x x x		x x x x x	x x x x x	x x x x x	x x x x x	x x x x x	x x x x x	x x x x x

Line No.	Par Value of Par-Value Stock or Number of Shares of Nonpar Stock							Stock Actually Outstanding at Close of Year		
			Nominally Issued and			Reacquired and				
	Authorized	Authenticated	Held in special funds or in treasury or pledged (Identify pledged securities by symbol "P")	Canceled	Actually issued	Canceled	Held in special funds or in treasury or pledged (Identify pledged securities by symbol "P")	Number of shares	Par value of par-value stock	Book value of stock without par value
	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)
1									$	$
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13	x x x x x x	x x x x x x	x x x x x x	x x x x x x	x x x x x x	x x x x x x	x x x x x x			

*State the class of capital stock covered by the receipts.

271. CAPITAL STOCK CHANGES DURING THE YEAR

Give full particulars of stocks actually or nominally issued (either original issues or reissues) and of stocks reacquired or canceled during the year.

In the second section of the schedule show the particulars of the several issues on the same lines and in the same order as in the first section.

In column (*c*) state whether issued for construction of new properties, for additions and betterments, for purchase of pipe line or other property, for conversion, for acquisition of securities, for reorganization, or for other corporate purposes. If an issue of securities was authorized for more than one purpose, state amount applicable to each purpose. Also give the number and date of the authorization by the public authority under whose control such issue was made, naming such authority. In column (*e*) include as cash all money, checks, drafts, bills of exchange, and other commercial paper payable at par on demand. For nominally issued stock, show returns in columns (*a*), (*b*), (*c*), and (*d*) only. For each class of par stock actually issued the sum of the entries in columns (*e*), (*f*), and (*h*), plus discounts or less premiums in column (*g*), should equal the entry in column (*d*).

Line No.	Class of stock (a)	Stocks Issued During Year			
		Date of issue (b)	Purpose of the issue and authority (c)	Par value (For nonpar stock show the number of shares) (d)	Net proceeds received for issue (cash or its equivalent) (e)
1				$	$
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15			Total		

Line No.	Stocks Issued During Year—Concluded			Stocks Reacquired During Year		Remarks (k)
	Cash value of other property acquired or services received as consideration for issue (f)	Net total discounts (in black) or premiums (in red). Excludes entries in column (h) (g)	Expense of issuing capital stock (h)	Par value (For nonpar stock show the number of shares) (i)	Purchase price (j)	
1	$	$	$	$	$	
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

272. STOCK LIABILITY FOR CONVERSION OF SECURITIES OF OTHER COMPANIES

If at the close of the year respondent was subject to any liability to issue its own capital stock in exchange for outstanding securities of constituent or other companies, give full particulars thereof hereunder, including names of parties to contracts and abstracts of terms of contracts whereunder such liability exists.

274. ADDITIONAL PAID-IN CAPITAL

Give an analysis in the form called for below of account No. 73, "Additional paid-in capital." In column (a) give a brief description of the items added or deducted and in column (b) insert the contra account number to which the amount stated in column (c) was charged or credited.

Line No.	Item (a)	Contra account number (b)	Amount (c)
1	Balance at beginning of year	x x x	$
2	Additions during the year (describe):		
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13	TOTAL ADDITIONS DURING THE YEAR	x x x	
14	Deductions during the year (describe):		
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25	TOTAL DEDUCTIONS	x x x	
26	Balance at close of year	x x x	

275. APPROPRIATED RETAINED INCOME

Give an analysis of the amount in account No. 74, "Appropriated retained income," at the close of the year.

Line No.	Class of appropriation (a)	Balance at close of year (b)
41	Additions to property through retained income	
42	Debt retired through retained income	
43	Sinking funds	
44	Other funds	
45	Appropriated retained income not specifically invested	
46	Other appropriations (specify):	
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64	TOTAL	

300. UNAPPROPRIATED RETAINED INCOME STATEMENT

Show hereunder the amounts included in the "Retained income" accounts of the respondent for the year, classified in accordance with the Uniform System of Accounts for Pipe Lines.

Line No.	Item (a)	Amount (b)
		$
1	(75) Unappropriated retained income at beginning of year (p. 201)	
2	CREDITS	x x x x x x
3	(700) Net balance transferred from income (p. 301)	
4	(710) Other credits to retained income* (p. 307)	
5	Total	
6	DEBITS	x x x x x x
7	(700) Net balance transferred from income (p. 301)	
8	(720) Other debits to retained income* (p. 307)	
9	(740) Appropriations of retained income	
10	(750) Dividend appropriations of retained income (p. 300)	
11	TOTAL	
12	Net increase (or decrease) during year	
13	(75) Unappropriated retained income at end of year (p. 201)	
14	* Note: Amount of assigned Federal income tax consequences:	
15	Account 710	
16	Account 720	

301. DIVIDEND APPROPRIATIONS OF RETAINED INCOME

1. Give particulars of each dividend declared. If any dividend was payable in anything other than cash, the consideration shall be described in a footnote with sufficient particularity to identify it.

2. If an obligation of any character has been incurred for the purpose of procuring funds for the payment of any dividend or for the purpose of replenishing the treasury of the respondent after payment of any dividend, give full particulars in a footnote. Returns for dividends on nonpar stock should show the amount declared per share in columns (*b*) and (*c*), and in column (*d*) the number of shares on which the dividends were declared. If any class of stock received a return not reportable in this schedule, or if any special comment regarding "Rate percent" is desired, give particulars in a footnote.

3. The sum of the dividends stated in column (*e*) should equal those shown in schedule No. 300.

Line No.	Name of security on which dividend was declared (a)	Rate Percent or per Share: Regular (b)	Rate Percent or per Share: Extra (c)	Par value or number of shares of no par value on which dividend was declared (d)	Amount of dividend (e)	Date: Declared (f)	Date: Payable (g)
				$	$		
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44	Total	x x	x x	x x x x x x		x x x	x x x

302. INCOME STATEMENT

Give the particulars called for from the Income Accounts of the respondent for the year. The entries in this statement should be determined in accordance with the rules prescribed in the Uniform System of Accounts for Pipe Lines, and should be consistent with the details stated on the pages referred to. All contra entries hereunder should be indicated in parentheses.

Line No.	Item (a)	Amount (b)		
1	ORDINARY ITEMS	$		
2	Carrier Operating Income	x x	x x	x x
3	(600) Operating revenues (p. 302)			
4	(610) Operating expenses (p. 303)			
5	Net carrier operating income			
6	Other Income and Deductions	x x	x x	x x
7	(620) Income (net) from noncarrier property (p. 305)			
8	(630) Interest and dividend income (p. 306)			
9	(640) Miscellaneous income (p. 307)			
10	(650) Interest expense			
11	(660) Miscellaneous income charges (p. 307)			
12	Total other income and deductions			
13	Ordinary income before Federal income taxes			
14	(670) Federal income taxes on ordinary income			
15	Ordinary Income			
16	EXTRAORDINARY AND PRIOR PERIOD ITEMS	x x	x x	x x
17	(680) Extraordinary items (net), (p. 307)			
18	(690) Prior period items (net), (p. 307)			
19	(695) Federal income taxes on extraordinary and prior period items (p. 307)			
20	Total extraordinary and prior period items			
21	Net income (or loss)			

1. Net reduction in charges to account 670, for Federal income taxes to be reported in the tax return for the current year and corresponding increase in net income because of accelerated amortization of emergency facilities under section 168 of the Internal Revenue Code in excess of recorded depreciation $__________

(If net effect is an increase, this should be so indicated.)

2. Net reduction or increase in charges to account 670, during the current year and corresponding increase or decrease in net income because of accelerated depreciation of facilities under section 167 of the Internal Revenue Code and depreciation deductions resulting from the use of guideline lives pursuant to Revenue Procedure 62-21 in excess of recorded depreciation $__________

(If net effect is an increase, this should be so indicated.)

3. Amount by which charges to account 670, during the current year were decreased and the reported net income correspondingly increased because of claims for refund of Federal income taxes due to carryback of current losses to the year(s) $__________

4. Amount by which charges to account 670, during the current year were decreased and the reported net income correspondingly increased because of reduction in Federal income taxes due to carryover of prior year(s) losses to current year $__________

5. Amount by which charges to account 670, for payment of Federal income taxes during the current year were decreased and the reported net income correspondingly increased because of the investment tax credit authorized in the Revenue Act of 1962, compared the amount that would otherwise have been payable without such investment tax credit $__________

REMARKS:

310. OPERATING REVENUE ACCOUNTS

State the pipeline operating revenues of the respondent for the year, classified in accordance with the Uniform System of Accounts for Pipe Lines.

Line No.	Operating revenue accounts (a)	Crude oil (b)	Products (c)	Total (d)
		$	$	
1	(200) Gathering revenues			
2	(210) Trunk revenues			
3	(220) Delivery revenues			
4	(230) Allowance oil revenue			
5	(240) Storage and demurrage revenue			
6	(250) Rental revenue			
7	(260) Incidental revenue			
8	TOTAL			

320. OPERATING EXPENSE ACCOUNTS

State the pipeline operating expenses of the respondent for the year,

Line No.	Operating expense accounts (a)	Crude oil			
		Gathering (b)	Trunk (c)	Delivery (d)	Total (e)
		$	$	$	$
1	OPERATIONS	x x x x x x	x x x x x x	x x x x x x	x x x x x x
2	(300) Salaries and wages				
3	(310) Supplies and expenses				
4	(320) Outside services				
5	(330) Operating fuel and power				
6	(340) Oil losses and shortages				
7	TOTAL OPERATIONS EXPENSES				
8	MAINTENANCE	x x x x x x	x x x x x x	x x x x x x	x x x x x x
9	(400) Salaries and wages				
10	(410) Supplies and expenses				
11	(420) Outside services				
12	(430) Maintenance materials				
13	TOTAL MAINTENANCE EXPENSES				
14	GENERAL	x x x x x x	x x x x x x	x x x x x x	x x x x x x
15	(500) Salaries and wages				
16	(510) Supplies and expenses				
17	(520) Outside services				
18	(530) Rentals (p. 402)				
19	(540) Depreciation and amortization				
20	(550) Pensions and benefits				
21	(560) Insurance				
22	(570) Casualty and other losses				
23	(580) Pipeline taxes (p. 304)				
24	TOTAL GENERAL EXPENSES				
25	GRAND TOTALS				

26 Operating ratio (ratio of operating expenses to operating revenues—percent): Gathering ………… Trunk …………

320. OPERATING EXPENSE ACCOUNTS—Continued

identifying them in accordance with the Uniform System of Accounts for Pipe Lines.

Products				Total				Line No.
Gathering (f)	Trunk (g)	Delivery (h)	Total (i)	Gathering (j)	Trunk (k)	Delivery (l)	Total (m)	
$	$	$	$	$	$	$	$	1
								2
								3
								4
								5
								6
								7
								8
								9
								10
								11
								12
								13
								14
								15
								16
								17
								18
								19
								20
								21
								22
								23
								24
								25

Delivery .... Total 26

380. PIPE-LINE TAXES

Give the particulars called for with respect to the taxes accrued on carrier properties and charged to account No. 580, "Pipeline taxes," of the respondent's Income Account for the year.

If during the year an important adjustment was made in account No. 580 for taxes applicable to a prior year, state in a footnote full particulars concerning same.

A. Other Than U. S. Government Taxes

Line No.	Name of State (a)	Amount (b)	Name of State (c)	Amount (d)
		$		$
1	Alabama		New Mexico	
2	Alaska		New York	
3	Arizona		North Carolina	
4	Arkansas		North Dakota	
5	California		Ohio	
6	Colorado		Oklahoma	
7	Connecticut		Oregon	
8	Delaware		Pennsylvania	
9	Florida		Rhode Island	
10	Georgia		South Carolina	
11	Hawaii		South Dakota	
12	Idaho		Tennessee	
13	Illinois		Texas	
14	Indiana		Utah	
15	Iowa		Vermont	
16	Kansas		Virginia	
17	Kentucky		Washington	
18	Louisiana		West Virgina	
19	Maine		Wisconsin	
20	Maryland		Wyoming	
21	Massachusetts		District of Columbia	
22	Michigan		Other (specify):	x x x x x x
23	Minnesota			
24	Mississippi			
25	Missouri			
26	Montana			
27	Nebraska			
28	Nevada			
29	New Hampshire			
30	New Jersey		TOTAL—Other Than U. S. Government Taxes	

B. U. S. Government Taxes (Except Income Taxes)

Line No.	Kind of tax (a)	Amount (b)
		$
41	Old-age retirement	
42	Unemployment insurance	
43	Transportation tax paid by respondent	
44	Other U. S. taxes (specify, except income taxes):	
45		
46		
47		
48		
49		
50	TOTAL—U. S. Government Taxes	
51	GRAND TOTAL (account 580)	

340. INCOME FROM NONCARRIER PROPERTY

1. State the revenues, expenses, and net income of the respondent during the year from each class of nonoperated properties of the character provided for in account No. 620, "Income from noncarrier property," in the Uniform System of Accounts for Pipe Lines.

2. If the income relates to only a part of the year, give particulars in a footnote.

Line No.	General description of property (a)	Total revenues (b)	Total expenses (c)	Net income (d)
		$	$	$
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14	Total			

342. ABSTRACTS OF TERMS AND CONDITIONS OF LEASES

Give briefly any changes since the beginning of the year in the terms and conditions of the important leases under which the above-stated income is derived. For any important leases executed during the year give a brief abstract of the terms and conditions, showing particularly (1) the date of the grant, (2) the chain of title (in case of assignment or subletting) and dates of transfer connecting the original parties with the present parties, (3) the basis on which the amount of the annual rent is determined, and (4) the date when the lease will terminate, or, if the date of termination has not yet been fixed, the provisions governing the termination of the lease.

Copies of leases may be filed in lieu of abstracts above called for.

345. INTEREST AND DIVIDEND INCOME

Give a detailed analysis of amounts credited to account No. 630, "Interest and dividend income", classified in accordance with the Uniform System of Accounts for Pipe Lines.

Line No.	Item (a)	Dividend income (b)	Interest income (c)
		$	$
1	Income from securities shown in schedule 220		
2	Income from securities shown in schedule 221		
3	Income from temporary cash investments		
4	Other credits (specified):		
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25	TOTAL		

380. MISCELLANEOUS ITEMS IN INCOME AND RETAINED INCOME ACCOUNTS FOR THE YEAR

Give a detailed analysis of the items in accounts 640, "Miscellaneous income"; 660, "Miscellaneous income charges"; 680, "Extraordinary items"; 690, "Prior period items"; 695, "Federal income taxes on extraordinary and prior period items"; 710, "Other credits to retained income"; and 720, "Other debits to retained income", for the year. The classification should be made in accordance with the Uniform System of Accounts for Pipe Lines. For accounts 640 and 660, each item amounting to $100,000 or more should be stated; items less than $100,000 in these accounts may be combined in a single entry designated "Minor items, each less than $100,000." Insert a total for each account.

Line No.	Account No. (a)	Item (b)	Debits (c)	Credits (d)
1			$	$
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				

400. STATISTICS OF OPERATIONS

1. Give particulars by States of origin for crude oil and for each kind of product received and transported during the year. Classify and list in column (*a*) by States of origin the refined products transported in the following order: 29111. Gasoline, jet fuels and other high volatile petroleum fuels, except natural gasoline; 29112. Kerosene; 29113. Distillate fuel oil; 29114. Lubricating and similar oils and derivatives; 29117. Residual fuel oil and other low volatile petroleum fuels; 29119. Products of petroleum refining, n. e. c.—Specify; and Total—products.

2. As used herein, the term crude oil means oil in its natural state, not altered, refined, or prepared for use by any process; and products means oils that have been refined, altered, or processed for use, such as fuel oil and gasoline.

3. Natural gasoline or other similar products, whenever blended with crude oil in transit, should be classified and reported as crude oil in this schedule.

4. In column (*b*) show all oils received by the respondent from connecting carriers reporting to the Interstate Commerce Commission. In column (*c*) show all oils originated on respondent's gathering lines and in column (*d*) all oils received into respondent's system from all sources, except receipts shown in columns (*b*) and (*c*). Entries in column (*e*) should be the sums of corresponding entries in columns (*b*), (*c*), and (*d*). In column (*f*) show all oils delivered to connecting carriers reporting to the Interstate Commerce Commission. In column (*g*) show all oils terminated on respondent's gathering lines, and in column (*h*) all oils delivered out of respondent's system, except deliveries shown under columns (*f*) and (*g*). Entries in column (*i*) should be the sums of corresponding entries in columns (*f*), (*g*), and (*h*).

5. Returns in "Note" should be estimated if not actually shown on respondent's records.

Line No.	State of origin (a)	Number of Barrels Received Into System				Number of Barrels Delivered Out of System			
		From connecting carriers (b)	Originated		Total received into system (e)	To connecting carriers (f)	Terminated		Total delivered out of system (i)
			On gathering lines (c)	On trunk lines (d)			On gathering lines (g)	On trunk lines (h)	
	Crude Oil								
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16	Total								
	Products (State of origin and product carried)								
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34	Total								
35	Grand Total								

Note.—Total number of barrel-miles (trunk lines only): Crude oil ....; Products ....

Total number of barrels of oil having trunk-line movement: Crude oil ....; Products ....

410. MILES OF PIPE LINE OPERATED AT CLOSE OF YEAR

1. Give particulars called for, by States and termini, concerning the miles of all pipe line operated, and size of each line, at close of year, according to following classification: (A) Miles of pipe line wholly owned and operated by respondent, (B) Owned in undivided interests and operated by respondent, and (C), Owned by others but operated by respondent.

2. Miles of pipe line operated should be reported to the nearest whole mile adjusted to accord with footings, i.e.: counting one half mile and over as a whole mile and disregarding any fraction less than one-half mile. Fractional size line should be reported in the next smaller whole size, e.g.: 2 1/2" and 6-5/8" lines should be reported as 2" and 6" lines, respectively. Size of line is defined as inside diameter.

3. The termini should be reported in columns (b) and (c). Information concerning gathering lines should be given in columns (d) and (e); trunk lines used for the transportation of crude oil in columns (f) and (g); and trunk lines devoted to the movement of products in columns (h) and (i). In columns (j), (k) and (l) should be shown all increases in pipe line operated; and in columns (m), (n) and (o) show all decreases in pipe line operated.

4. Report under (A), Lines wholly owned and operated by respondent, including wholly owned minor facilities temporarily idle or in standby service.

5. Report under (B), The total miles for each system owned in undivided interests and operated by respondent. The name of each such system should be given and the names of the owning companies in each instance. Carriers owning an undivided interest in a system but not operating the system should not include in this report any miles of lines of such system operated by others, but should furnish a memorandum footnote stating "The mileage represented by respondent's undivided ownership interest in systems operated by other carriers is not included in this Schedule. Such system being "A" System operated by "X" Company, "B" System operated by "Y" Company, etc."

6. Report under (C), A respondent operating lines not owned by it, but leased from others, when leases are for reasonably long terms and consist of an important part of respondent's system. The lessor company should omit from its report such mileages leased to others.

7. Minor gathering line facilities under temporary or short-term lease should be omitted from this classification; the lessee should include such lines in its wholly owned and operated lines.

Line No.	Name of company and State	TERMINI		OPERATED AT CLOSE OF YEAR						CHANGES DURING THE YEAR					
				GATHERING LINES		TRUNK LINES				INCREASES			DECREASES		
						FOR CRUDE OIL		FOR PRODUCTS		Gathering lines	TRUNK LINES		Gathering lines	TRUNK LINES	
		From—	To—	Miles	Size of line	Miles	Size of line	Miles	Size of line		For crude oil	For products		For crude oil	For products
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
	(A) OWNED AND OPERATED BY RESPONDENT														
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11	TOTAL	x x x x x	x x x x x		x x x		x x x		x x x						
	(B) OWNED IN UNDIVIDED INTERESTS AND OPERATED BY RESPONDENT														
20															
21															
22															
23															
24															
25															
26															
27															
28															
29	TOTAL	x x x x x	x x x x x		x x x		x x x		x x x						
	(C) OWNED BY OTHERS BUT OPERATED BY RESPONDENT														
30															
31															
32															
33															
34															
35															
36															
37															
38															
39															
40	TOTAL	x x x x x	x x x x x		x x x		x x x		x x x						
41	GRAND TOTAL	x x x x x	x x x x x		x x x		x x x		x x x						

420. RENTALS

Give particulars of the rents payable during the year, for property used in transportation service, included in account No. 530 as defined in the Uniform System of Accounts for Pipe Lines. Each item amounting to $5,000 or more should be listed, all others may be combined in a single entry designated "Minor items, each less than $5,000."

Line No.	Name of lessor (a)	Location of property (b)	Description of property (c)	Rent accrued during year (d)
1				$
2				
3				
4				
5				
6				
7				
8				
9				
10			Total	

422. ABSTRACTS OF LEASEHOLD CONTRACTS

Give briefly any changes since the beginning of the year in the terms and conditions of the leases under which the respondent rents a complete pipe line or section thereof. If any such leases have been executed during the year, give brief abstracts of the terms and conditions thereof, showing particularly (1) the date of the lease, (2) the chain of title and dates of transfers connecting the original lessee with the respondent in case of assignment or subletting, (3) the basis on which the amount of the annual rent is determined, and (4) the date when the lease is to terminate, or, if such date has not yet been determined, the provisions governing its determination.

In lieu of the abstracts here called for, the respondent may file copies of lease agreements and give specific references to copies heretofore filed with the Commission.

561. EMPLOYEES AND THEIR COMPENSATION

Give the number of employees, by classes, in the service of the respondent and state the total compensation, including payments of every character made to each class of employees during the year. If any compensation was paid or is payable under labor awards of the current year, include the amount applicable to the current year in column (c) and show the portion applicable to prior years (back pay) in a footnote, by classes of employees. For purposes of this report, labor awards are intended to cover adjustments resulting from the decisions of Wage Boards and voluntary awards by the respondent incident thereto. The assignment of employees should accord as nearly as possible with the classes listed. If the regular duties of an employee are such as to make him includible in two or more classes, he should be assigned to the class that is indicated by the greater part of his duties, and his compensation assigned to the same class.

For the purpose of the subjoined statement the word "employees" is intended to include every person in the service of the respondent subject to its continuing authority to supervise and direct the manner of rendition of his service. Persons engaged to render only specifically defined service and not subject to the continuing authority of the respondent to supervise and control their acts, such as lawyers retained only for specific cases and not under general or continuing retainer, are not to be included as employees.

The number of employees in service for entry in column (b) is obtained by adding the number of employees on the payroll in each of the stated classes during the payroll period containing the 12th day of each month and dividing by 12. Every count should cover not only employees actually on duty during the period of the count, but also employees under pay not so on duty if absent from service on sick or other leave or held subject to call for duty.

Each person jointly employed shall, if carried on the payrolls of the several joint employers, be counted by each employer and represented in its return of number of employees by a fraction based on the number of employers reporting him; if a person, for example, is reportable by three employers, each should include him in its number of employees as one-third of an employee. When the entire compensation of a joint employee is shown on the payroll of a single joint employer and is paid to the employee by that employer such employee should, for the purpose of returns, be treated as if employed solely by such employer.

Line No.	Class of employees (a)	Average number of employees in service (b)	Total compensation during year (c)
1	Executives, general officers, and assistants		$
2	General office clerks		
3	Other general office employees		
4	Field clerks		
5	Field superintendents		
6	Professional and subprofessional employees (engineers, chemists, etc.)		
7	Foremen and assistant foremen		
8	Station engineers and pumpers		
9	Station firemen and oilers		
10	Gagers—Deliverymen and oil receivers		
11	Telegraph operators		
12	Telegraph and telephone line repairmen		
13	Line riders, walkers, or patrolmen		
14	Pipe-line repairmen		
15	Carpenters		
16	Machinists		
17	Electricians		
18	Other mechanics (skilled trades)		
19	Apprentices and helpers (skilled trades)		
20	Truck drivers and teamsters		
21	Laborers, roustabouts, etc.		
22	All other employees		
23	TOTAL		

562. COMPENSATION OF OFFICERS, DIRECTORS, ETC.

Give the name, position, salary, and other compensation, such as bonus, commission, gift, reward, or fee, of each of the five persons named in Schedules 102 and 103 of this report to whom the respondent paid the largest amount during the year covered by this report as compensation for current or past service over and above necessary expenses incurred in discharge or duties, and in addition, all other officers, directors, pensioners or employees, if any, to whom the respondent similarly paid $30,000 or more. If more convenient, this schedule may be filled out for a group of companies considered as one system and shown only in the report of the principal company in the system, with references thereto in the reports of the other companies. Any large "other compensation" should be explained in a footnote. If salary of an individual was changed during the year, show salary before each change as well as at close of year. If an officer, director, etc., receives compensation from more than one pipe-line company (whether a subsidiary or not) or from a subsidiary company, reference to this fact should be made if his aggregate compensation amounts to $30,000 or more, and detail as to division of the salary should be stated. By salary (column (*c*)) is meant the annual rate at which an employee is paid, rather than the amount actually paid for a part of a year when the salary is changed. Also, when a 10-percent (or other percent) reduction is made, the net rate, and not the basic rate, should be shown.

Line No.	Name of person (a)	Title (b)	Salary per annum as of close of year (See instructions) (c)	Other compensation during the year (d)
1			$	$
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17		Total		

563. PAYMENTS FOR SERVICES RENDERED BY OTHER THAN EMPLOYEES

In the form below give information concerning payments, fees, retainers, commissions, gifts, contributions, assessments, bonuses, pensions, subscriptions, allowance for expenses, or any form of payments amounting in the aggregate to $30,000 or more during the year to any corporation, institution, association, firm, partnership, committee, or any person (other than one of respondent's employees covered in schedule 562 in this annual report) for services or as a donation. In the case of contributions of under $30,000 which are made in common with other carriers under a joint arrangement in payment for the performance of services or as a donation, each such contribution shall be reported, irrespectively of the amount thereof, if the total amount paid by all contributors for the performance of the particular service is equal to the sum of $30,000 or more.

To be included are, among others, payments, directly or indirectly, for legal, medical, engineering, advertising, valuation, accounting, statistical, financial, educational, entertainment, charitable, advisory, defensive, detective, developmental, research, appraisal, registration, purchasing, architectural, and hospital services; payments for expert testimony and for handling wage disputes; and payments for services of banks, bankers, trust companies, insurance companies, brokers, trustees, promoters, solicitors, consultants, actuaries, investigators, inspectors, and efficiency engineers. *The enumeration of these kinds of payments should not be understood as excluding other payments for services not excluded below.*

To be excluded are: Rent of buildings or other property; taxes payable to the Federal, State, or local governments; payments for heat, light, power, telegraph, and telephone services; and payments to other carriers on the basis of lawful tariff charges, as well as other payments for services which both as to their nature and amount may reasonably be regarded as ordinarily connected with the routine operation, maintenance, or construction of a pipe line, but any special and unusual payments for services should be reported.

If more convenient, this schedule may be filled out for a group of companies considered as one system and shown only in the report of the principal company in the system, with references thereto in the reports of the other companies.

If any doubt exists in the mind of the reporting officer as to the reportability of any type of payment, request should be made for a ruling before filing this report.

Line No.	Name of recipient (a)	Nature of service (b)	Amount of payment (c)
31			$
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			
47			
48		Total	

591. IMPORTANT CHANGES DURING THE YEAR

Hereunder state the following matters, numbering the statements in accordance with the inquiries, and if no changes of the character below indicated have occurred during the year, state that fact:

1. All important physical changes not elsewhere provided for.
2. All important financial changes not elsewhere provided for.
3. All changes in and all additions to franchise rights, describing fully (*a*) the actual consideration given therefor, and stating (*b*) the parties from whom acquired; if no consideration was given, state that fact.
4. All additional matters of fact not elsewhere provided for which the respondent may desire to include in its report.

VERIFICATION

The foregoing report must be verified by the oath of the officer having control of the accounting of the respondent. It should be verified, also, by the oath of the president or other chief officer of the respondent, unless the respondent states on the last preceding page of this report that such chief officer has no control over the accounting of the respondent. The oath required may be taken before any person authorized to administer an oath by the laws of the State in which the same is taken.

OATH

(To be made by the officer having control of the accounting of the respondent)

State of .... }
County of .... } ss:

.... makes oath and says that he is ....
(Insert here the name of the affiant) (Insert here the official title of the affiant)

of ....
(Insert here the exact legal title or name of the respondent)

that it is his duty to have supervision over the books of account of the respondent and to control the manner in which such books are kept; that he knows that such books have, during the period covered by the foregoing report, been kept in good faith in accordance with the accounting and other orders of the Interstate Commerce Commission, effective during the said period; that he has carefully examined the said report, and to the best of his knowledge and belief the entries contained in the said report have, so far as they relate to matters of account, been accurately taken from the said books of account and are in exact accordance therewith; that he believes that all other statements of fact contained in the said report are true, and that the said report is a correct and complete statement of the business and affairs of the above-named respondent during the period of time from and

including ...., 19 , to and including ...., 19

....
(Signature of affiant)

Subscribed and sworn to before me, a ...., in and for the State and county

above named, this .... day of ...., 19

My commission expires .... [Use an L. S. impression seal]

....
(Signature of officer authorized to administer oaths)

SUPPLEMENTAL OATH

(By the president or other chief officer of the respondent)

State of .... }
County of .... } ss:

.... makes oath and says that he is ....
(Insert here the name of the affiant) (Insert here the official title of the affiant)

of ....
(Insert here the exact legal title or name of the respondent)

that he has carefully examined the foregoing report; that he believes that all statements of fact contained in the said report are true, and that the said report is a correct and complete statement of the business and affairs of the above-named respondent during the period of time from and including

...., 19 , to and including ...., 19

....
(Signature of affiant)

Subscribed and sworn to before me, a ...., in and for the State and county

above named, this .... day of ...., 19

My commission expires .... [Use an L. S. impression seal]

....
(Signature of officer authorized to administer oaths)

MEMORANDA (For use of Commission only)

EXAMINATIONS

EXAMINATION OR COMPUTATION				PAGE	SUBJECT EXAMINED	MEMORANDUM OF ERROR	CLERK MAKING EXAMINATION
No.	DATE						
	Month	Day	Year			Page	Name
1					History, etc.		
2					Mileage and Corporate Relations		
3					Securities Owned		
4					Capitalization		
5					Property Investments		
6					Operating Revenues and Operating Expenses		
7					Income and Surplus Accounts		
8					General Balance Sheet		
9					Statistics, Employees, and Changes		
10					Taxes		

COMPUTATIONS

1					Additions, Cross-Additions, etc.		
2					Averages, etc.		

CORRESPONDENCE

OFFICER ADDRESSED		DATE OF LETTER OR TELEGRAM			SUBJECT	Answer needed	ANSWER			
							DATE OF—			FILE NUMBER OF LETTER OR TELEGRAM
							LETTER			
Name	Title	Month	Day	Year	Page		Month	Day	Year	

CORRECTIONS

DATE OF CORRECTION			PAGE	AUTHORITY						CLERK MAKING CORRECTION
				LETTER OR TELEGRAM OF—			OFFICER SENDING LETTER OR TELEGRAM		COMMISSION FILE NUMBER	
Month	Day	Year		Month	Day	Year	Name	Title		Name

INDEX

Page No.

Abstracts of leasehold contracts ... 402
    Terms and conditions of leases ... 308
Accounts payable ... 219
    Receivable ... 202
Accrued depreciation—Carrier property ... 214
Additional paid-in capital ... 228
Affiliated companies—Investments in ... 204, 205
    Nonnegotiable debt to ... 220-223
    Payables to ... 219
    Receivables from ... 202
Amortization—Base and reserve ... 216
Appropriated retained income ... 229
Appropriations—Dividend ... 300

Balance sheet—Asset side ... 200
    Explanatory notes ... 201
    Liability side ... 201
Bases of charges for amortization ... 216
    Depreciation ... 215
Bonds—Collateral trust ... 220
    Income ... 220
    Mortgage ... 220
    Purposes for which issued or assumed during the year ... 224

Capital stock ... 226
    Changes during year ... 227
    Purposes for which issued or assumed during the year ... 227

Carrier property ... 212, 213
    Accrued depreciation ... 214
    Amortization ... 216
Changes during year—Capital stock ... 227
    Important ... 532
    Long-term debt ... 224
Charges—Other deferred ... 218
Collateral trust bonds ... 220
Companies controlled by respondent ... 204-208
Compensation—Employees and their ... 520
    Of officers, directors, etc ... 521
Contracts—Abstracts of leasehold ... 402
Corporate control over respondent ... 103

Debt—Long-term debt payable after one year ... 222, 223
    Within one year ... 220, 221
Deferred charges—Other ... 218
Depreciation accrued—Carrier property ... 214
    Base and rates ... 215
Directors ... 102
Dividend appropriations of retained income ... 300
    Income, interest and ... 306

Elections—Voting powers and ... 104
Employees and their compensation ... 520
Expense accounts—Operating ... 302 308

Federal income taxes ... 301
Funds—Sinking and other ... 210

General officers ... 103
Guaranties and suretyships ... 106

Identity of respondent ... 101
Income—Appropriated retained ... 230
    Bonds ... 220
    From noncarrier property ... 305
    Interest and dividend ... 306
    Miscellaneous items in account for the year ... 307
    Retained, statement ... 300
    Statement ... 301
        Explanatory notes ... 301
    Taxes, Federal ... 301
Intangibles owned or controlled through nonreporting subsidiaries ... 209
Interest and dividend income ... 306
Investments—In affiliated companies ... 204, 205
    Other ... 206, 207
Investments in securities made during the year ... 204-207
    Of affiliated companies ... 204, 205
    Others ... 206, 207

Page No.

Leasehold contracts—Abstracts of ... 402
Leases—Abstracts of terms and conditions of ... 308
Liability for conversion of securities—Stock ... 227
Long-term debt—Payable after one year ... 222, 223
    Within one year ... 220, 221
    Security for ... 225

Miles of pipe line operated at close of year ... 401
Miscellaneous income from noncarrier property ... 305
    Items in income and retained income accounts for the year ... 307
    Obligations ... 220
Mortgage bonds ... 220

Noncarrier property ... 217
    Income from ... 305
Nonnegotiable debt to affiliated companies ... 220-223
Notes payable ... 219
    Receivable ... 202

Oath ... 533
Officers, directors, etc.—Compensation of ... 521
    General ... 103
Operated at close of year—Miles of pipe line ... 401
Operating expense accounts ... 302-303
    Rentals ... 402
    Revenue accounts ... 302
Operations—Statistics of ... 400
Other deferred charges ... 218
    Funds, sinking and ... 210
    Investments ... 206, 207

Paid-in capital—Additional ... 228
Payables to affiliated companies ... 219
Payments for services not rendered by employees ... 521
Pipe line—Miles of—Operated at close of year ... 401
    Taxes ... 304
Property—Carrier ... 212, 213
    Noncarrier ... 217
Purposes for which funded debt was issued or assumed during the year ... 224
    Stock was issued or assumed during the year ... 227

Receivables from affiliated companies ... 202
Rentals ... 402
Reserve—Amortization ... 216
    Depreciation ... 214
        Bases of charges for ... 215
Respondent—Identity of ... 101
Retained income—Appropriated ... 230
    Dividend appropriations of ... 300
    Miscellaneous items in accounts for the year ... 307
    Statement ... 300
    Unappropriated, at end of year ... 300
Revenue accounts—Operating ... 302

Securities, advances, and other intangibles owned or controlled through nonreporting subsidiaries ... 209
    Investment in, made during the year ... 204-207
        Of affiliated companies ... 204, 205
        Others ... 206, 207
    Sold or otherwise disposed of during the year ... 204-207
Security for long-term debt ... 225
Services not rendered by employees—Payments for ... 521
Sinking and other funds ... 210
Statistics of operations ... 400
Stock—Capital ... 226
    Changes during year ... 227
    Issued or assumed during the year—Purposes of ... 227

    Liability for conversion of securities ... 227

Suretyships—Guaranties and ... 106

Taxes—Federal income ... 301
    Pipe line ... 304

Unappropriated retained income ... 300

Verification ... 533
Voting powers and elections ... 104

Form approved.
Budget Bureau No. 60-R118.10

Form QCS
Page 1

INTERSTATE COMMERCE COMMISSION
QUARTERLY REPORT OF FREIGHT COMMODITY STATISTICS

.... **QUARTER,** 1969

For CALENDAR YEAR 1969
(Strike out one)

Full name of respondent ....
(If a system report, check here ( ), and under Remarks, page 13, name operating roads included)

Number of miles of road operated in freight service (see instructions) ....
(State in whole numbers)

Code	Description	Revenue Freight Originating on Respondent's Road				Revenue Freight Received from Connecting Carriers				Total Revenue Freight Carried		Gross Freight Revenue (dollars)	Code
		Terminating on line		Delivered to connecting carriers		Terminating on line		Delivered to connecting carriers					
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	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
01	FARM PRODUCTS T												01
011	Field Crops T												011
0112	Cotton, raw												0112
01121	Cotton in bales												01121
01131	Barley												01131
01132	Corn, except popcorn												01132
01133	Oats												01133
01134	Rice, rough												01134
01135	Rye												01135
01136	Sorghum grains												01136
01137	Wheat, except buckwheat												01137
01139	Grain, nec												01139
0114	Oil seeds, nuts & kernels, exc edbl tree nuts												0114
01144	Soybeans												01144
0115	Field seeds, exc oil seeds												0115
0119	Miscellaneous field crops												0119
01193	Leaf tobacco												01193
01195	Potatoes, other than sweet												01195
01197	Sugar beets												01197
012	Fresh Fruits and Tree Nuts T												012
0121	Citrus fruits												0121
0122	Deciduous fruits												0122
01221	Apples												01221
01224	Grapes												01224
01226	Peaches												01226
0123	Tropical fruits, exc citrus												0123
01233	Bananas												01233
0129	Miscellaneous fresh fruits & tree nuts												0129
01296	Coffee, green												01296
013	Fresh Vegetables T												013
0131	Bulbs, roots, & tubers, w/wo tops exc potatoes												0131
01313	Onions, dry												01313
0133	Leafy fresh vegetables												0133
01334	Celery												01334
01336	Lettuce												01336
0134	Dry ripe veg seeds, etc (exc artificially dried)												0134
01341	Beans, dry ripe												01341
01342	Peas, dry												01342
0139	Miscellaneous fresh vegetables												0139
01392	Watermelons												01392
01394	Tomatoes												01394
01398	Melons, exc watermelons												01398

INTERSTATE COMMERCE COMMISSION
QUARTERLY REPORT OF FREIGHT COMMODITY STATISTICS

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	FARM PRODUCTS - Continued												
014	Livestock and Livestock Products.......T												014
0141	Livestock												0141
01411	Cattle												01411
01413	Hogs and pigs												01413
01414	Sheep and lambs												01414
0142	Dairy farm products, exc pasteurized												0142
0143	Animal fibers												0143
01431	Wool												01431
015	Poultry and Poultry Products.......T												015
0151	Live poultry												0151
0152	Poultry eggs												0152
019	Miscellaneous Farm Products												019
0191	Horticultural specialties												0191
0192	Animal specialties												0192
08	FOREST PRODUCTS.......T												08
084	Gums and Barks, Crude												084
08423	Latex and allied gums (crude natural rubber)												08423
088	Miscellaneous Forest Products												088
09	FRESH FISH AND OTHER MARINE PRODUCTS.......T												09
091	Fresh Fish and Other Marine Products												091
0912	Fresh fish & whale oil, ice free unpackaged fish												0912
09131	Shells (oyster, crab, clam, etc)												09131
10	METALLIC ORES.......T												10
101	Iron Ores												101
10112	Beneficiating-grade ore, crude												10112
102	Copper Ores												102
103	Lead and Zinc Ores												103
1031	Lead ores												1031
1032	Zinc ores												1032
104	Gold and Silver Ores												104
105	Bauxite and Other Aluminum Ores												105
106	Manganese Ores												106
107	Tungsten Ores												107
108	Chromium Ores												108
109	Miscellaneous Metal Ores												109

Form QCS
Page 3

INTERSTATE COMMERCE COMMISSION

QUARTERLY REPORT OF FREIGHT COMMODITY STATISTICS

.... QUARTER, 1969

Full name of respondent ....

For CALENDAR YEAR 1969
(Strike out one)

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11	COAL T												11
111	Anthracite												111
11111	Raw anthracite												11111
11112	Cleaned or prepared anthre. (crshd, scrnd or sized)												11112
112	Bituminous Coal and Lignite												112
1121	Bituminous coal												1121
13	Crude Petro, Natural Gas & Natural Gasoline T												13
131	Crude Petroleum and Natural Gas												131
132	Natural Gasoline												132
14	NONMETALLIC MINERALS, EXCEPT FUELS T												14
141	Dimension Stone, Quarry												141
142	Crushed and Broken Stone, including riprap												142
14211	Agricultural limestone												14211
14212	Crushed and broken stone, nec, including riprap												14212
144	Sand and Gravel T												144
14411	Sand (aggregate and ballast)												14411
14412	Gravel (aggregate and ballast)												14412
14413	Industrial sand and gravel												14413
145	Clay, Ceramic and Refractory Minerals												145
14511	Bentonite												14511
14512	Fire clay												14512
14514	Kaolin and ball clay												14514
147	Chemical and Fertilizer Minerals												147
14711	Barite												14711
14713	Potash, soda and borate												14713
14714	Phosphate rock												14714
14715	Rock salt												14715
14716	Sulphur												14716
149	Miscellaneous Nonmetallic Minerals, Except Fuels												149
14911	Gypsum and anhydrite												14911
14913	Native asphalt and bitumens												14913
14914	Pumice and pumicite												14914
19	ORDNANCE AND ACCESSORIES T												19
191	Guns, Howitzers, Mortars, & Related Eqpt, Over 30 mm												191
192	Ammunition, Over 30 mm												192
193	Full Tracked Combat Vehicles and Parts												193
194	Sighting and Fire Control Equipment												194
195	Small Arms, 30 mm and Under												195
196	Small Arms Ammunition, 30 mm and Under												196
199	Miscellaneous Ordnance and Accessories												199

INTERSTATE COMMERCE COMMISSION
QUARTERLY REPORT OF FREIGHT COMMODITY STATISTICS

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20	FOOD AND KINDRED PRODUCTS T												20
201	Meat (inc Poultry & Small Game), Fresh, Chld or Frzn T												201
2011	Meat, fresh or chilled, except salted												2011
2012	Meat, fresh-frozen												2012
2013	Meat products												2013
2014	Animal by-products, inedible												2014
20141	Hides, skins, pelts, not tanned (livestock)												20141
2015	Drsd poultry, sml game & rltd prd; fresh, chld, canned												2015
2016	Drsd poultry, sml game & rltd prd: fresh frzn												2016
202	Dairy Products T												202
2021	Creamery butter												2021
2023	Condensed, evaporated milk and dry milk												2023
2024	Ice cream and related frozen desserts												2024
2025	Cheese and other special dairy products												2025
2026	Procd whole milk, skim milk, cream & oth fluid prd												2026
203	Canned and Preserved Fruits, Veg & Sea Foods												203
2031	Canned and cured sea foods												2031
2032	Canned specialties												2032
2033	Canned fruits and vegetables												2033
2034	Dried & dehyd fruits & veg (exc field dried), soup mix												2034
2035	Pkld fruits & veg sauces & seasg; salad drsg												2035
2036	Fresh or frozen packaged fish												2036
2037	Frzn fruits, fruit juices, veg & specialties												2037
204	Grain Mill Products T												204
2041	Flour and other grain mill products												2041
20411	Wheat flour, exc blended and prepared												20411
20421	Prepared feeds for animals & fowls, exc canned												20421
20423	Canned feed for animals & poultry												20423
2043	Cereal preparations												2043
2044	Milled rice, flour and meal												2044
2045	Blended and prepared flour												2045
2046	Corn starch, syrup, oil, sugar & by-prd (wet proc)												2046
20461	Corn syrup												20461
20462	Corn starch												20462
20463	Corn sugar												20463
205	Bakery Products												205
206	Sugar (Beet and Cane) T												206
2061	Sugar mill products and by-products												2061
20611	Raw cane and beet sugar												20611
20616	Sugar molasses, except blackstrap												20616
20617	Blackstrap molasses												20617

INTERSTATE COMMERCE COMMISSION
QUARTERLY REPORT OF FREIGHT COMMODITY STATISTICS

.... QUARTER, 1969

For CALENDAR YEAR 1969
(Strike out one)

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	FOOD AND KINDRED PRODUCTS - Continued												
2062	Sugar, refined: Cane and beet												2062
20623	Sugar refining by-products												20623
20626	Pulp, molasses, beet												20626
207	Confectionery and Related Products												207
208	Beverages and Flavoring Extracts T												208
20821	Beer, ale, porter, stout: Bottled, bbls, kegs												20821
20823	Malt extract and brewers' spent-grains												20823
2083	Malt												2083
2084	Wines, brandy, and brandy spirits												2084
20851	Distilled, rectified and blended liquors												20851
20859	By-products of liquor distilling												20859
2086	Btld & canned soft drinks & carb & meri waters												2086
2087	Misc flvg extcs & syrups & compounds exc chor syrups												2087
209	Misc Food Preparations & Kindred Products												209
20911	Cottonseed oil, crude or refined												20911
20914	Cottonseed cake, meal and other by-products												20914
20921	Soybean oil, crude or refined												20921
20923	Soybean cake, meal, flour, grits & oth by-prd												20923
2093	Veg & nut oils & by-prd, exc ctnsd & soybean												2093
2094	Marine fats and oils												2094
2095	Roasted coffee, inc instant coffee												2095
2096	Shrtg, table oils, mrgn & oth edbl fats & oils, nec												2096
2097	Ice, natural or manufactured												2097
2098	Macaroni, spaghetti, vermicelli & noodles												2098
21	TOBACCO PRODUCTS T												21
211	Cigarettes												211
212	Cigars												212
213	Chewing and Smoking Tobacco and Snuff												213
214	Stemmed and Redried Tobacco												214
22	BASIC TEXTILES T												22
221	Cotton Broad Woven Fabrics												221
222	Man-made Fiber and Silk Broad Woven Fabrics												222
223	Wool Broad Woven Fabrics												223
224	Narrow Fabrics												224
225	Knit Fabrics												225
227	Carpets and Rugs, Textile												227
228	Yarn and Thread												228
229	Miscellaneous Basic Textiles												229
2296	Tire cord and fabrics												2296
2297	Wool and mohair (scrd etc): Tops, noils, greases, etc												2297
2298	Cordage and twine												2298

INTERSTATE COMMERCE COMMISSION
QUARTERLY REPORT OF FREIGHT COMMODITY STATISTICS

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23	APPAREL & OTHER FINISHED TEXTILE PRD. INC KNIT T												23
231	Men's, Youths', and Boys' Clothing												231
232	Women's, Misses', Girls' and Infants' Clothing												232
235	Millinery, Hats and Caps												235
237	Fur Goods												237
238	Miscellaneous Apparel and Accessories												238
239	Miscellaneous Fabricated Textile Products												239
24	LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE T												24
241	Prim Forest Pd (Plpwd, Plng, Posts, Logs, Bolts, etc)												241
24114	Pulpwood logs												24114
24115	Pulpwood and other wood chips												24115
24116	Woodposts, poles and piling												24116
242	Lumber and Dimension Stock T												242
2421	Lumber and dimension stock												2421
24212	Sawed ties (railroad, mine, etc.)												24212
2429	Misc sawmill & plng mill pd (shgls, cprg stk, etc)												2429
243	Millwork, Veneer, Plywood, Prefab Strl Wood Pd												243
2431	Millwork												2431
2432	Veneer and plywood												2432
244	Wooden Containers												244
249	Miscellaneous Wood Products												249
2491	Creosoted or oil treated wood products												2491
25	FURNITURE AND FIXTURES T												25
251	Household and Office Furniture												251
253	Public Building and Related Furniture												253
254	Partitions, Shelving, Lockers, Off & Store Fxtrs												254
259	Miscellaneous Furniture and Fixtures												259
26	PULP, PAPER AND ALLIED PRODUCTS T												26
261	Pulp and Pulp Mill Products												261
26111	Pulp												26111
262	Paper, Except Building Paper												262
26211	Newsprint												26211
26214	Wrapping paper, wrappers and coarse paper												26214
263	Paperboard, Pulpboard & Fiberboard, exc Insulating Bd												263
264	Converted Paper & Papbd Pd exc Containers & Boxes												264
2643	Paper bags												2643
265	Containers & Boxes, Paperboard, Fiberboard & Pulpboard												265
266	Building Paper and Building Board T												266
2661	Building paper and building board												2661
26613	Wallboard												26613

Form QCS
Page 7

INTERSTATE COMMERCE COMMISSION

QUARTERLY REPORT OF FREIGHT COMMODITY STATISTICS

.... QUARTER, 1969

For CALENDAR YEAR 1969
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	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
27	PRINTED MATTER.......T												27
271	Newspapers												271
272	Periodicals												272
273	Books												273
274	Miscellaneous Printed Matter												274
276	Manifold Business Forms												276
277	Greeting Cards, Seals, Labels, and Tags												277
278	Blankbooks, Looseleaf Binders and Devices												278
279	Prd of Service Industries for the Printing Trades												279
28	CHEMICALS AND ALLIED PRODUCTS.......T												28
281	Industrial, Inorganic and Organic Chemicals												281
2812	Sodium, ptsm, & oth basic inorganic chem cpds												2812
28123	Sodium compounds, exc sodium alkalies												28123
2813	Industrial gases (compressed and liquified)												2813
2814	Crude prd from coal tar, petro & nat gas												2814
2816	Inorganic pigments												2816
2818	Misc industrial organic chemicals												2818
28184	Alcohols												28184
2819	Misc industrial inorganic chemicals												2819
28193	Sulphuric acid												28193
282	Plstc Materials & Syn Resins, Syn Rubbers & Fibers												282
28212	Synthetic rubber												28212
28213	Synthetic organic fibers												28213
283	Drugs (Bio Prd, Medl Chems, Botnl Prd & Pharm Preps)												283
284	Soap, Drgnt & Clng Preps; Cosmc, Oth Toilet Preps												284
2841	Soap & oth drgnts, exc specialty cleansers												2841
285	Paints, Vrnshs, Lacquers, Enamels & Allied Prd												285
286	Gum and Wood Chemicals												286
287	Agricultural Chemicals												287
2871	Fertilizers												2871
289	Miscellaneous Chemical Products												289
2892	Explosives												2892
28991	Salt, common												28991
29	PETROLEUM AND COAL PRODUCTS.......T												29
291	Products of Petroleum Refining.......T												291
29111	Gslo; jet, oth high vola petro fuels exc nat gslo												29111
29112	Kerosene												29112
29113	Distillate fuel oil												29113
29114	Lubricating & similar oils & derivatives												29114
29116	Lubricating greases												29116

INTERSTATE COMMERCE COMMISSION
QUARTERLY REPORT OF FREIGHT COMMODITY STATISTICS

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	PETROLEUM AND COAL PRODUCTS - Continued												
29116	Asph, tar & pitches (petro, cokeoven, coal tar)												29116
29117	Residual fuel oil & oth low vola petro fuels												29117
29119	Products of petroleum refining, nec												29119
2912	Liquified petroleum gases and coal gases												2912
295	Paving and Roofing Materials T												295
2951	Paving mixtures and blocks												2951
2952	Asphalt felt and coatings												2952
299	Miscellaneous Petroleum and Coal Products												299
29911	Coke and coal briquettes												29911
30	RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS T												30
301	Tires and Inner Tubes												301
302	Rubber Footwear												302
303	Reclaimed Rubber												303
306	Miscellaneous Fabricated Rubber Products												306
307	Miscellaneous Plastic Products												307
31	LEATHER AND LEATHER PRODUCTS T												31
311	Leather												311
312	Industrial Leather Belting and Packing												312
313	Boot and Shoe Cut Stock & Findings, All materials												313
314	Footwear, Except Rubber												314
315	Leather Gloves and Mittens												315
316	Luggage, Handbags & Oth Pers Lea Goods, All Mtls												316
319	Miscellaneous Leather Goods												319
32	STONE, CLAY AND GLASS PRODUCTS T												32
321	Flat Glass												321
322	Glass & Glassware, Pressed and Blown												322
3221	Glass containers												3221
324	Hydraulic Cement												324
32411	Cement, hydic: Portland, nat, masonry, puzzolan												32411
325	Structural Clay Products T												325
3251	Brick and structural clay tile												3251
32511	Brick, exc glass, ceramic glazed, and refractory												32511
3253	Ceramic wall and floor tile												3253
3255	Refractories, clay and nonclay												3255
3259	Miscellaneous structural clay products												3259
32594	Roofing tile												32594
326	Pottery and Related Products												326

INTERSTATE COMMERCE COMMISSION
QUARTERLY REPORT OF FREIGHT COMMODITY STATISTICS

QUARTER, 1969

Full name of respondent ....

For CALENDAR YEAR 1969
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	STONE, CLAY AND GLASS PRODUCTS.- Continued												
327	Concrete, Gypsum & Plaster Products												327
3271	Concrete products												3271
3274	Lime												3274
3275	Gypsum products												3275
328	Cut Stone and Stone Products												328
329	Abrasives, Asbestos, Misc Non-metallic Minrl Prd												329
3291	Abrasive products												3291
33	PRIMARY METAL PRODUCTS T												33
331	Steel Works and Rolling Mill Products T												331
33111	Pig iron												33111
33112	Slag												33112
33118	Coke, screenings and breeze												33118
33119	Coke oven and blast furnace products, nec												33119
3312	Primary iron & steel prd, exc coke oven by-prd												3312
33121	Steel ingot and semi-finished shapes												33121
3313	Ferro-alloys												3313
3315	Steel wire, nails, and spikes												3315
332	Iron and Steel Castings												332
33211	Iron and steel cast pipe and fittings												33211
333	Nonferrous Metals Primary Smelter Products												333
3331	Prim copper & copper base alloys smelter prd												3331
3332	Prim lead & lead base alloys smelter prd												3332
3333	Prim zinc & zinc base alloys smelter prd												3333
3334	Prim aluminum & aluminum base alloys smelter prd												3334
335	Nonferrous Metal Basic Shapes												335
3351	Copper, brass or bronze & oth cbs basic shapes												3351
3352	Aluminum & abs basic shapes exc aluminum foil												3352
3357	Nonferrous wire, including insulated wire												3357
336	Nonferrous and Nonferrous Base Alloy Castings												336
3361	Aluminum and aluminum base alloy castings												3361
3362	Brass, bronze, copper and cbs castings												3362
339	Miscellaneous Primary Metal Products												339
3391	Iron and steel forgings												3391
3392	Nonferrous forgings												3392
34	FABR. METAL PRD. EXC ORDN MACHY & TRANSP T												34
341	Metal Cans												341
342	Cutlery, Hand Tools, and General Hardware												342
343	Plumbing Fxtrs & Heating Apparatus, exc Electric												343
3433	Heating equipment, except electric												3433
344	Fabricated Structural Metal Products												344
3441	Fabricated structural metal products												3441

INTERSTATE COMMERCE COMMISSION
QUARTERLY REPORT OF FREIGHT COMMODITY STATISTICS

Code	Description	Revenue Freight Originating on Respondent's Road				Revenue Freight Received from Connecting Carriers				Total Revenue Freight Carried		Gross Freight Revenue (dollars)	Code
		Terminating on line		Delivered to connecting carriers		Terminating on line		Delivered to connecting carriers					
	(a)	Number of carloads (b)	Number of tons (2,000 lbs.) (c)	Number of carloads (d)	Number of tons (2,000 lbs.) (e)	Number of carloads (f)	Number of tons (2,000 lbs.) (g)	Number of carloads (h)	Number of tons (2,000 lbs.) (i)	Number of carloads (j)	Number of tons (2,000 lbs.) (k)	(l)	
	FABR METAL PRD - Continued												
345	Bolts, Nuts, Screws, Rivets, Washers & Oth Ind Fasr.												345
346	Metal Stampings												346
348	Misc Fabricated Wire Prd, exc steel wire												348
349	Misc Fabricated Metal Prd												349
3491	Metal barrels, drums, kegs and pails												3491
3494	Valves & pipe ftg (exc plmbrs brass goods & ftg)												3494
35	MACHINERY, EXCEPT ELECTRICAL T												35
351	Engines and Turbines												351
352	Farm Machinery and Equipment												352
353	Constr, Mining & Materials Handling Equipment												353
3531	Construction machinery and equipment												3531
3532	Mining mchy & eqpt exc oil field mchy & eqpt												3532
3533	Oil field machinery and equipment												3533
3537	Ind trucks, tractors, trailers, & stackers												3537
354	Metalworking Machinery and Equipment												354
355	Spec Industry Machinery, Exc Metal-working Mchy												355
356	General Industrial Machinery and Equipment												356
357	Office, Computing, and Accounting Machines												357
358	Service Industry Machines												358
359	Misc Machinery & Parts, Exc Electrical												359
36	ELECTRICAL MACHINERY, EQUIPMENT AND SUPPLIES T												36
361	Electrical Transmission & Distribution Equipment												361
362	Electrical Industrial Apparatus												362
363	Household Appliances												363
3631	Household cooking equipment, all types												3631
3632	Household refrigerators & home & farm freezers												3632
3633	Household laundry equipment												3633
364	Electric Lighting and Wiring Equipment												364
365	Radio and TV Receiving Sets, Exc Communication Types												365
366	Communication Equipment												366
367	Electronic Components and Accessories												367
369	Misc Electrical Machinery, Eqpt & Supplies												369
37	TRANSPORTATION EQUIPMENT T												37
371	Motor Vehicles and Motor Vehicle Equipment T												371
3711	Motor vehicles												3711
37111	Passenger cars, assembled												37111
37112	Truck tractors, and trucks, assembled												37112
37118	Motor coaches, used (inc city buses), fire dept veh												37118
3712	Passenger car bodies												3712
3713	Truck and bus bodies												3713

INTERSTATE COMMERCE COMMISSION
QUARTERLY REPORT OF FREIGHT COMMODITY STATISTICS

Full name of respondent ……………………………………

…………… **QUARTER,** 1969

For CALENDAR YEAR 1969
(Strike out one)

Code	Description	Revenue Freight Originating on Respondent's Road				Revenue Freight Received from Connecting Carriers				Total Revenue Freight Carried		Gross Freight Revenue (dollars)	Code
		Terminating on line		Delivered to connecting carriers		Terminating on line		Delivered to connecting carriers					
		Number of carloads	Number of tons (2,000 lbs.)	Number of carloads	Number of tons (2,000 lbs.)	Number of carloads	Number of tons (2,000 lbs.)	Number of carloads	Number of tons (2,000 lbs.)	Number of carloads	Number of tons (2,000 lbs.)		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
	TRANSPORTATION EQUIPMENT - Continued												
3714	Motor vehicle parts and accessories												3714
3715	Truck trailers												3715
372	Aircraft and Parts												372
373	Ships and Boats												373
374	Railroad Equipment												374
375	Motorcycles, Bicycles, and Parts												375
379	Miscellaneous Transportation Equipment												379
38	INSTRUMENTS, PHOT & OPTICAL GD, WATCHES & CLOCKS T												38
381	Engineering, Lab & Scientific Instruments												381
382	Measuring, Controlling & Indicating Instruments												382
383	Optical Instruments & Lenses												383
384	Surgical, Medical & Dental Instruments & Supplies												384
385	Ophthalmic or Opticians' Goods												385
386	Photographic Equipment & Supplies												386
387	Watches, Clocks, Clockwork Operated Devices & Parts												387
39	MISCELLANEOUS PRODUCTS OF MANUFACTURING T												39
391	Jewelry, Silverware and Plated Ware												391
393	Musical Instruments and Parts												393
394	Toys, Amusement, Sporting and Athletic Goods												394
3949	Sporting and athletic goods												3949
395	Pens, Pencils & Oth Office and Artists' Materials												395
396	Costume Jewelry, Novelties, Buttons & Notions												396
399	Miscellaneous Manufactured Products												399
40	WASTE AND SCRAP MATERIALS T												40
401	Ashes												401
402	Waste and Scrap, Except Ashes												402
4021	Metal scrap, waste and tailings												4021
40211	Iron and steel scrap, wastes and tailings												40211
4022	Textile waste, scrap and sweepings												4022
4024	Paper waste and scrap												4024
4026	Rubber and plastic scrap and waste												4026
41	MISC FREIGHT SHIPMENTS T												41
411	Misc Freight Shipments												411
41111	Outfits or kits												41111
41116	Articles, used, exc codes 41118; 42; & 4021												41116
41118	Articles, used, rtd for rpr, inc for reading												41118
412	Misc Commodities Not Taken in Regular Frt Svc												412

INTERSTATE COMMERCE COMMISSION
QUARTERLY REPORT OF FREIGHT COMMODITY STATISTICS

Code	Description	Revenue Freight Originating on Respondent's Road				Revenue Freight Received from Connecting Carriers				Total Revenue Freight Carried		Gross Freight Revenue (dollars)	Code
		Terminating on line		Delivered to connecting carriers		Terminating on line		Delivered to connecting carriers					
		Number of carloads	Number of tons (2,000 lbs.)	Number of carloads	Number of tons (2,000 lbs.)	Number of carloads	Number of tons (2,000 lbs.)	Number of carloads	Number of tons (2,000 lbs.)	Number of carloads	Number of tons (2,000 lbs.)		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
42	CONTAINERS, SHIPPING, RETURNED EMPTY .... T												42
421	Containers, Shipping, Rtd Empty inc Car or Dvc												421
422	Trailers, Semi-Trailers, Rtd Empty												422
44	FREIGHT FORWARDER TRAFFIC .... T												44
441	Freight Forwarder Traffic (CL)												441
45	SHIPPER ASSOCIATION OR SIMILAR TRAFFIC .... T												45
451	Shipper Association or Similar Traffic (CL)												451
46	MISC MIXED SHIPMENTS EXC FWDR (44) & SHPR ASSN (45) T												46
461	All Freight Rate Shipments, nec, inc TOFC												461
462	Mixed Shipments in Two or More 2-digit Groups												462
	GRAND TOTAL, CARLOAD TRAFFIC .... T												
47	SMALL PACKAGED FREIGHT SHIPMENTS .... T	XXXXXXXX		XXXXXXX		XXXXXXX		XXXXXXX		XXXXXXX			47
471	Small Packaged Freight Shipments inc LCL	XXXXXXXX		XXXXXXX		XXXXXXX		XXXXXXX		XXXXXXX			471
	GRAND TOTAL, CARLOAD AND LCL TRAFFIC .... T	XXXXXXXX		XXXXXXX		XXXXXXX		XXXXXXX		XXXXXXX			

REMARKS

(Check one):

☐ This report includes all commodity statistics for the period covered.

☐ A supplemental report has been filed covering traffic involving less than three shippers reportable in any one commodity code.

☐ Supplemental Report NOT OPEN TO PUBLIC INSPECTION.

________ QUARTER, 19____ or CALENDAR YEAR 19____

The blank below should be completed if freight service operations were not conducted during the entire period for which the form provides:
REPORT COVERS THE PERIOD from ________, 19____, to ________, 19____

CERTIFICATION

I, THE UNDERSIGNED ____________________
(Title of officer in charge of the accounts)

of the ____________________ Company, state that this report was prepared by me or
(Full name of reporting company)

under my supervision; that I have carefully examined it; and on the basis of my knowledge, belief, and verification (where necessary) I declare it to be a full, true and correct statement of the freight commodity statistics named, and that the various items here reported were determined in accordance with effective rules promulgated by the Interstate Commerce Commission.

____

Address ____________________
(P.O. Box or Street) (City) (State) (Zip Code)

Date ________, 19____

Telephone number ____________________
(Area code) (number)

For the use of the Interstate Commerce Commission only

Rev. 12/66

QUARTERLY REPORT OF FREIGHT COMMODITY STATISTICS

TO THE INTERSTATE COMMERCE COMMISSION

Form QCS
I. C. C. Commodity Statistics

INSTRUCTIONS

Under the Commission's order of September 13, 1963, effective January 1, 1964, Class I railroads, other than switching and terminal companies, are required to classify commodities transported on the basis of commodity codes named in 49 C.F.R. 123.02, and make quarterly and annual reports of such freight traffic statistics.

Carload and LCL Traffic Defined. Codes 01 through 462 shall include only carload traffic. All shipments weighing less than 10,000 pounds shall be included in codes 47 and 471, "Small Packaged Freight Shipments, including LCL."

A "carload" for the purpose of this report shall consist of a shipment of not less than 10,000 pounds of one commodity. A mixed carload shall be treated as a carload of that commodity which forms the major portion of the shipment in weight. If a single shipment is loaded into more than one car, each car used shall be reported as a carload. If more than one "carload" shipment is loaded into one car, each shipment shall be reported separately as a carload.

"Originated on respondent's road" means: (a) Shipments originated directly on respondent's road; (b) shipments received from water lines and highway motor truck lines, except when identified as having had previous rail transportation; (c) shipments which received first line haul on respondent's road, but originated on switching lines connecting directly or indirectly with respondent's road; (d) import traffic received from water carriers, and traffic from outlying possessions of the United States; (e) outbound freight which has been accorded transit privileges.

"Received from connecting rail carriers" means: (a) All shipments received directly from connecting rail carriers; (b) shipments received from water lines and highway motor truck lines, when identified from information on waybills or abstracts as having received previous rail transportation; (c) shipments received from connecting rail carriers operating in Canada or Mexico; (d) lake cargo coal received at Upper Lake ports; (e) iron ore received at Lower Lake and St. Lawrence River ports; (f) tidewater coal from Atlantic ports.

"Terminated on line" means: (a) Shipments terminated directly on respondent's road; (b) shipments delivered to water lines and highway motor truck lines, except when identified as to receive further rail transportation; (c) shipments which receive last line haul on respondent's road, but are delivered to switching roads connecting directly or indirectly with respondent's road; (d) export traffic delivered to water carriers and shipments to outlying possessions of the United States.

"Delivered to connecting rail carriers" means: (a) All shipments delivered directly to connecting rail carriers; (b) shipments delivered to water lines and highway motor truck lines when identified from information on the waybills or abstracts to receive further rail transportation; (c) Shipments delivered to connecting rail carriers operating in Canada and Mexico; (d) lake cargo coal delivered to Lower Lake and St. Lawrence River ports for transshipment by vessel; (e) iron ore delivered to Upper Lake ports for transshipment by vessel; (f) tidewater coal to Atlantic ports.

"Gross freight revenue" means respondent's gross revenue from freight without adjustment for absorptions or corrections.

"Classify" means to assign an article of freight to its appropriate commodity class which may be a 3, 4 or 5-digit number. Always classify an article in the highest digit level possible. Use a 5-digit code if the article may be properly assigned to it. If there is no applicable 5-digit code, use a 4-digit code if available. If there is no applicable 4-digit code, then the article is classified at the 3-digit level.

For a 5-digit code, report the sum of all freight classified thereunder. For a 4-digit code, report the sum of all freight classified thereunder plus the sum of all 5-digit codes where the first four digits match. For a 3-digit code, report the sum of all 4-digit code numbers where the first three digits match, plus 5-digit code numbers where the first three digits match (provided they are not included in 4-digit codes), plus any articles classified at the 3-digit level. Generally, the 3-digit codes are used as summaries. The 2-digit level is a summary of 3-digit codes where the first two digits match.

Commodities should not be classified direct to the codes with a "T" designation as these commodities are always classifiable at a higher digit level. Codes at the 2 and 3 digit level followed by a "T" always are totals of the related higher level codes shown on the report form; codes not so designated may include commodities classified directly thereunder and may not total.

The grand total carload traffic is a summary of all 2-digit codes, 01 - 46.

"Piggyback traffic" is classified in the applicable commodity code if the commodity can be identified; where the commodity cannot be identified, classify in code 461 and summarize in code 46.

"Freight Forwarder Traffic" Codes 44 and 441, includes freight traffic in carloads, shipped by or consigned to any forwarder holding a permit under Part IV of the Interstate Commerce Act.

"Shipper Association or Similar Traffic," Codes 45 and 451, includes freight traffic in carloads shipped by a non-profit shipper association where the commodity cannot be identified; where the commodity can be identified, classify in the applicable commodity code.

Totals shall be shown in columns (j) and (k) and gross revenue in column (l) for each class in which there are entries; grand totals shall be shown in each column, as applicable, and the entire report shall be in balance on the cross and down additions including grand totals.

If a respondent carrier did not conduct operations during the whole of any reporting period within the calendar year, the partial period covered by the returns should be clearly specified in the space provided.

The item, "Number of miles of road operated in freight service," should represent as of the close of the quarter single-track mileage only and exclude industrial tracks, yard tracks, and sidings, but include line operated under trackage rights, except such as may be excludable, in the case of a system report, because of its joint or common use by carriers within the system. The number of miles of road reported for the calendar year should be determined by averaging the amounts of mileage reported at the close of each quarter in the year.

The reports shall be filed in duplicate in the Bureau of Accounts, Interstate Commerce Commission, Washington, D. C., 20423, on or before the 60th day succeeding the close of the period for which they are compiled.

Copies of this report form are on sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402. (Price 20¢ per set). Requests for additional copies of the report form should not be sent to the Interstate Commerce Commission.

It is not necessary to return pages 13 and 14 with your report.

INTERSTATE COMMERCE COMMISSION
QUARTERLY REPORT OF FREIGHT COMMODITY STATISTICS

ABBREVIATIONS USED IN COMMODITY DESCRIPTIONS

alm	aluminum base alloy
anthra	anthracite
asph	asphalt
asmd	assembled
assn	association
bbls	barrels
bd	board
bio	biological
btld	bottled
btncl	botanical
carr	carrier (s)
cbnd	carbonated
cba	copper base alloy
chem	chemical (s)
chld	chilled
choc	chocolate
CL	carload
clng	cleaning
cnstn	construction
cpd	compound (s)
cprg	cooperage
crshd	crushed
cosm	cosmetic (s)
ctnsd	cottonseed
dehyd	dehydrated
dept	department
drsd	dressed
drsg	dressing
dtrgn	detergent (s)
dvc	device (s)
edbl	edible
eqpt	equipment
etc	et cetera
exc	except
extc	extract (s)
fabr	fabricated
flvg	flavoring
frsh	fresh
frt	freight
frzn	frozen
fstnr	fastener (s)
ftg	fitting (s)
fwdr	forwarder
fxtr	fixture (s)
gd	good (s)
gsln	gasoline
hydlc	hydraulic
inc	including
ind	industrial
lab	laboratory
LCL	less than carload
lea	leather
mchy	machinery
medl	medicinal
misc	miscellaneous
mm	millimeter
mnrl	mineral
mrgn	margarine
mtl	material (s)
nat	natural
nec	not elsewhere classified
off	office
ordn	ordnance
oth	other
pprbd	paperboard
pers	personal
petro	petroleum
pharm	pharmaceutical
phot	photographic
pkld	pickled
plng	piling, planing
plmr	plumber (s)
plpwd	pulpwood
plstc	plastic
prfab	prefabricated
prep	preparations
prim	primary
proc	process
procd	processed
prd	product (s)
ptsm	potassium
recndg	reconditioning
rltd	related
rpr	repair
rtd	returned
scrnd	screened
scrd	scoured
shgl	shingle (s)
shpr	shipper
shrtg	shortening
sml	small
spcty	specialty (ies)
ssng	seasoning
stk	stock
strtl	structural
svc	service
syn	synthetic
TOFC	Trailer-on-flat car ("Piggyback")
transp	transportation
trly	trolley
veg	vegetable (s)
vhl	vehicle (s)
vola	volatile
vrnsh	varnish (s)
w/wo	with or without

Note: It is not necessary to return pages 13 and 14 with your report.

9-618
(Jan. 1955)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R354.4.
Approval expires 12-31-64.

....
(U. S. Land Office Serial Number)

Lease
Effective ....

ALASKA COAL LEASING

Alaska Coal Lease Report for MONTH of ...., 19.......

Lessee ________________________ **Address** ________________________

Reports to be furnished in duplicate to the Regional Mining Supervisor, U. S. Geological Survey, Anchorage, Alaska, not later than the last day of the month following the month reported upon.

Total coal disposed of ____________ **tons. Royalty at** ______ **cents per ton, $**............

	Lump	Egg and nut	Screenings	Chestnut	Run of mine	Tons
Disposal as:						
Mine fuel						
Camp use						
Local trade						
Shipments						
Total						
Selling price:						Receipts
F. o. b. mine						
Storage coal:						Tons
To storage						
From storage						
Total						
Washed coal:						
Tons to washery						
Washed coal produced						
Loss						

MINE CAR RECORD

Number of mine cars of run-of-mine coal produced from each mine or bed:

1. From bed .... **cars** .... **3. From bed** .... **cars** ....

2. From bed .... **cars** .... **4. From bed** .... **cars** ....

Total mine production in tons ....

______________________________ (Name) ______________________________ (Title)

The United States Criminal Code, 18 U. S. C. section 1001, makes it a criminal offense to make a willfully false statement or representation to any Department or Agency of the United States as to any matter within its jurisdiction.

U.S. GOVERNMENT PRINTING OFFICE 16—47187-7

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☐ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

12. COUNTY OR PARISH

13. STATE

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED ______ TITLE ______ DATE ______

(This space for Federal or State office use)

PERMIT NO. ______ APPROVAL DATE ______

APPROVED BY ______ TITLE ______ DATE ______
CONDITIONS OF APPROVAL, IF ANY:

***See Instructions On Reverse Side**

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE : [illegible]—O-711-[illegible]

Form 9-878a
(July 1957)

Form approved.
Budget Bureau No. 42-R348.4.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Coal Lease Report for QUARTER Ending

(Report to be submitted to the Regional Mining Supervisor, U. S. Geological Survey, with duplicate copies of the logs of drill holes. Use separate blanks for each mine. Maps are to be submitted in duplicate at least annually.)

Total coal produced from leased lands during quarter (use mine weights) .... Tons ....

....

Royalty at .... cents per ton .... $ ....

Coal sold .... Tons. Average price per ton .... Total ....
(Calculate by dividing total receipts of coal sales by tonnage sold)

Coal production (give sizes of coal sold or shipped and tons of each grade):

Coal used as mine fuel .... Tons ....

Lump coal .... Tons ....

Egg and nut coal .... Tons ....

Screenings .... Tons ....

Run of mine .... Tons ....

	Lump	Egg and Nut	Screenings	Total
Tons of coal in storage beginning quarter				
Tons of coal stored during quarter				
Total				
Tons of coal removed from storage				
Balance on hand				

Coal to washery .... Tons. Washed coal produced .... Tons.

Coal to coke ovens .... Tons. Coke produced .... Tons.

Coke stored during quarter .... Total in storage, tons ....

Average price per ton of coke sold .... $ ....

....
(Title)

The United States Criminal Code, 18 U.S.C. 1001, makes it a criminal offense to make a willfully false statement or representation to any Department or Agency of the United States as to any matter within its jurisdiction.

U.S. GOVERNMENT PRINTING OFFICE : 1962—O-983370

Form 9-879
(Rev. Dec. 1957)

Budget Bureau No. 42-R246.3.
Approval expires 12-31-60.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. Land Office ....
Serial No. ....

Coal License Report for SIX-MONTH Period Ending

(Report to be submitted to the Regional Mining Supervisor, U. S. Geological Survey)

Tons coal mined (2,000 pounds run-of-mine) ....

Tons coal stored, dumped as wasted, left in the mine as slack ....

Number days mine worked ....

Number of underground workmen .... Total wages paid, $..........................

Number of other employees .... Total wages paid, $..........................

Amount paid for supplies .... $..........................

Other operating costs .... $..........................

TOTAL COST OF COAL MINED FOR SIX-MONTH PERIOD .... $..........................

If municipal license, give tons of coal or its products sold ....

Total income from coal distributed .... $..........................

Number of accidents causing a loss of one-man shift or over (give details of each, using a separate sheet if necessary) ....

....

....

Give details in case of surface and underground fires, flooding, or caving of mine ....

....

....

....
(Name) (Title) (Date)

Remarks ....

....

18 U. S. C. 1001 makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

16—76067-1 U. S. GOVERNMENT PRINTING OFFICE

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE ....
LEASE NUMBER ....
UNIT ....

LESSEE'S MONTHLY REPORT OF OPERATIONS

State .... *County* .... *Field* ....

The following is a correct report of operations and production (including drilling and producing wells) for the month of ...., *19*...., ...

Agent's address .... *Company* ....

.... *Signed* ....

Phone .... *Agent's title* ....

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)

NOTE.—There were .... runs or sales of oil; .... M cu. ft. of gas sold; .... runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—[illegible] U. S. GOVERNMENT PRINTING OFFICE

9-361
(January 1960)

Budget Bureau No. 42-R361.4.
Approval expires 12-31-60.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office ....

Lease No. ....

LESSEE'S MONTHLY REPORT OF SALES AND ROYALTY

Lessee .... Month ...., 196...

Location .... (Section) .... (T.) .... (R.) .... (M.)

Field .... County .... State ....

Following are ALL runs and sales made this month
(If no runs or sales of any products were made, state NONE under the appropriate heading)

OIL

Tank No.	Date	Net Barrels Run	Gravity	Price Per Barrel	Value
		TOTAL BARRELS RUN		AVERAGE PRICE	TOTAL VALUE

PURCHASER OF ABOVE OIL

GAS

Sales in 1,000 Cu. Ft. @ 10 oz. and 14.4#	Price per 1,000 Cu. Ft.	Value
TOTAL	AVERAGE	TOTAL

PURCHASER OF ABOVE GAS

GASOLINE

Sales in Gallons	Price Per Gallon	Value
TOTAL	AVERAGE	TOTAL

PURCHASER OF ABOVE GASOLINE

BUTANE AND OTHER LIQUID PRODUCTS

Sales in Gallons	Price Per Gallon	Value
TOTAL	AVERAGE	TOTAL

PURCHASER OF ABOVE BUTANE OR OTHER LIQUID PRODUCTS

NUMBER OF OIL PRODUCING WELLS AFFECTING ROYALTY COMPUTATIONS ....

ROYALTY

Product	Sales	Royalty Rate	Royalty Quantity	Royalty Value
OIL (Barrels)			*	
GAS (1,000 Cu. Ft.)			*	
GASOLINE (Gallons)			*	
BUTANE and Other Liquid Prod.			*	
TOTAL VALUE OF ROYALTY				

*Where applicable state "None"

ACKNOWLEDGMENT

I have read and examined the statements made hereon and find them true, accurate, and complete.

(Signature and title of officer authorized to sign for lessee)

....
(Lessee or Operator)

The United States Criminal Code, 18 U. S. C. 1001, makes it a criminal offense to make a willfully false statement or representation to any Department or Agency of the United States as to any matter within its jurisdiction.

This form to be properly prepared and filed IN DUPLICATE with the supervisor on or before the 6th day of the succeeding month. Sales may be itemized on any other convenient form and attached to this report.

U. S. GOVERNMENT PRINTING OFFICE 16—10680-6

Form 9-153
Dec. 1954
SUBMIT ORIGINAL
COPY ONLY
Budget Bureau No. 42-R1237.2
Approval expires 12-31-56

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Lease No. ____________

Unit Area ____________

LESSEE'S MONTHLY REPORT OF SALES AND ROYALTY
OUTER CONTINENTAL SHELF OPERATIONS

Area ____________ Block ____________ Field ____________ Adjacent State ____________

Following are ALL runs and sales made during month of ____________
(If no runs or sales of any products were made, state NONE under the appropriate heading)

OIL

Tank No.	Date	Net Barrels Run	Gravity	Price per Barrel	Value
		TOTAL BARRELS RUN	AVERAGE PRICE		TOTAL VALUE
PURCHASER OF ABOVE OIL					

GAS

Sales in 1,000 cu. ft. at 10 oz. and 14.4#	Price per 1,000 cu. ft.	Value
TOTAL	AVERAGE	TOTAL
PURCHASER OF ABOVE GAS		

GASOLINE

Sales in Gallons	Price per Gallon	Value
TOTAL	AVERAGE	TOTAL
PURCHASER OF ABOVE GASOLINE		

BUTANE AND OTHER LIQUID PRODUCTS

Sales in Gallons	Price per Gallon	Value
TOTAL	AVERAGE	TOTAL
PURCHASER OF ABOVE BUTANE OR OTHER LIQUID PRODUCTS		

ROYALTY

Product	Sales	Royalty Rate	Royalty Quantity*	Royalty Value
OIL (Barrels)				
GAS (1,000 cu. ft.)				
GASOLINE (Gallons)				
BUTANE and Other Liquid Prod.				
TOTAL VALUE OF ROYALTY				

*Where applicable, state "None"

ACKNOWLEDGMENT

I have read and examined the statements made hereon and find them true, accurate, and complete.

Company ____________

Address ____________

____

By ____________

Title ____________ Date ____________

NOTE: Refer to Outer Continental Shelf Regulations, 30 CFR Part 250.94, when preparing this form.
Submit on or before 20th day of succeeding month.
The United States Criminal Code, 18 U. S. C. 1001, makes it a criminal offense to make a willfully false statement or representation to any Department or Agency of the United States as to any matter within its jurisdiction.

U.S. GOVERNMENT PRINTING OFFICE 16—71216-6

9-1147

Budget Bureau No. 42-R352.4
Form Approved

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U.S. Land Office ....
Serial Number ....
Date effective ....

LOG OF PROSPECT BORE HOLE

Logs of prospect bore holes are to be transmitted in duplicate to the Regional Mining Supervisor immediately upon completion of hole or shaft, or when work has been suspended indefinitely.

Locate hole correctly, giving distance in feet from N. or S. and E. or W. line of section; when hole is not vertical, give direction and angle.

Lessee or permittee ....
Address ....
Driller ....
Commenced drilling .... Finished ....
Hole No. .... Sec. .... T. .... R. .... M. .... State ....
Method of drilling .... Logged by ....

The information given herewith is a complete and correct record of the bore hole and all work done thereon, so far as can be determined from all available records.

(*Signed*) ....

(*Title*) ....

Date ....

The United States Criminal Code, 18 U. S. C. 1001 makes it a criminal offense to make a willfully false statement or representation to any Department or Agency of the United States as to any matter within its jurisdiction.

Elevation of top of hole relative to sea level ....

FORMATION RECORD

DEPTH				Thickness of stratum		Geologic formations; character of rocks; oil, gas and water horizons; coal and other mineral occurrences
From—		To—				
Feet	Inches	Feet	Inches	Feet	Inches	

(*Attach continuation sheets if necessary*)

GPO 878-893

Form 9-[illegible]
(October 19[illegible])

Budget Bureau No. 42-R[illegible].1.
Approval expires 12-31-[illegible].

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MONTHLY GASOLINE PLANT REPORT

Month ....

When requested, report on this form should be filed monthly, on or before the 15th of the succeeding month, with the Oil and Gas Supervisor, Geological Survey, for the region where the plant is located

Operator of gaso[illegible] plant ....

Plant name or number .... Location ....

Total wet gas processed .... M cu. ft. at .... above 14.4 lb.

Total expected gasoline production .... gallons.[1]

Total actual gasoline production .... gallons of grade ....

Total residue gas available for sale .... M cu. ft. at .... above 14.4 lb.

SALES OF GASOLINE, BUTANE, PROPANE, OR OTHER LIQUID HYDROCARBONS[2]

Purchaser	Gallons	Grade	Price	Gross Value

RESIDUE GAS SALES

Purchaser	M cu. ft.	Pressure Base[3]	Price	Gross Value	Was Pressure Boosted?[4]	Boosting Charge[5]

By ....

Title ....

---

[1] Gas volumes times yields based on field tests.

[2] If liquid hydrocarbons other than gasoline were not sold, please indicate by inserting "No other liquid hydrocarbons sold" below the list of gasoline sales.

[3] Above 14.4 lb.

[4] Insert "Yes" in this column if pressure of residue gas was boosted above the gasoline plant discharge pressure before the gas was delivered to purchaser. Insert "No" if not boosted.

[5] If charge for boosting residue gas was deducted from working interest, show the amount of such charge per M cu. ft. in this column.

U. S. GOVERNMENT PRINTING OFFICE 16—[illegible]

FORM 9-152
Dec. 1954

Submit ORIGINAL
copy only.

Budget Bureau No. 42-R1256.2.
Approval expires 12-31-56.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Lease No. ....

Unit Area ....

MONTHLY REPORT OF OPERATIONS
OUTER CONTINENTAL SHELF

Area .... Block .... Field .... Adjacent State ....

The following is a correct report of operations and production (including drilling and producing wells) for the month of ....

Well No.	Location (By subdivision)	Days Produced	Barrels of Oil	Daily Average	Gravity	Cu. Ft. of Gas (In thousands)	Barrels of Water (If none, so state)	Remarks (If drilling, depth; if shut down, cause; etc.)

Company ....

Address .... By ....

.... Title .... Date ....

There were .... runs or sales of oil; .... M cu. ft. of gas sold; .... runs or sales of gasoline during the month. (Write "no" where applicable.)

Refer to Outer Continental Shelf Regulations, 30 CFR Part 250.93, when preparing this form.

The United States Criminal Code, 18 U. S. C. 1001, makes it a criminal offense to make a willfully false statement or representation to any Department or Agency of the United States as to any matter within its jurisdiction.

16—71310-3 U.S. GOVERNMENT PRINTING OFFICE

9-368
(March 1958)

Budget Bureau No. 42-R0867
Approval expires 12-31-73

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MINING BRANCH

Serial No. ....
Land Office ....

Production and Royalty Report for {MONTH / QUARTER} ending ....

Report to be submitted to the Regional Mining Supervisor, U. S. Geological Survey. Copies of drill hole records to be submitted in duplicate.
Maps to be submitted in duplicate at least annually.

Mine Output: (*a*) Crude ore or rock mined .... **tons**

(*b*) Average analysis .... **percent**

PRODUCTION AND SALES

PRODUCT	GRADE	TONS PRODUCED	TONS IN STORAGE	TONS DISPOSED OF	PER TON VALUE AT POINT OF SHIPMENT	TOTAL VALUE OF PRODUCT DISPOSED OF	ROYALTY AT % OR ¢ A TON
TOTAL..........							

Remarks: ....

....

Name .... **Title** .... **Date** ....

18 U. S. C., section 1001, makes it a criminal offense to make a willfully false statement or representation to any Department or Agency of the United States as to any matter within its jurisdiction.

U.S. GOVERNMENT PRINTING OFFICE [illegible]—O-[illegible]

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved
Budget Bureau No. 42-R1263.2.

Serial No. ....
Land Office ....
Prospecting Permit Report for { Month / Quarter } Ending .... Mineral ....

(Submit one copy of this report to Regional Mining Supervisor, U. S. Geological Survey, before the end of the month following the report period)

	Designation or Name of Property	Feet Driven or Sunk			Thickness of Ore Body	State of Property Is Completed or Abandoned
		This Quarter	Previously Reported	Total to Date		
BORE HOLES						
OPEN CUTS						
SHAFTS OR SLOPES						
DRIFTS OR TUNNELS						

Samples taken for analyses or examination during period, number ....
(Bore holes in or through migratory or valuable deposits are to be cemented and abandoned under the directions of the Regional Mining Supervisor)

List maps, logs, samples, and analyses included with this report: ....
....
....

Cost of prospecting and development work done during { month / quarter } .... $..................

Permittee is requested to furnish in duplicate a map or sketch indicating position of drill holes, shafts, drifts, or slopes with reference to Government lands, giving the thicknesses of deposits found. Copies of the analyses, logs of all test holes, shafts, and tunnels are to be submitted in duplicate to Regional Mining Supervisor immediately upon completion, or on the suspension of work on them for an indefinite time. Abandonment forms are to be submitted for bore holes.

PRODUCTION AND SALES

Product	Grade	Tons Produced	Tons in Storage	Tons Disposed Of	Unit Value at Point of Shipment	Total Value of Product Disposed Of	Royalty at % or ¢ a Ton

Name .... Title .... Date ....

18 U. S. C., section 1001, makes it a criminal offense to make a willfully false statement or representation to any Department or Agency of the United States as to any matter within its jurisdiction.

U.S. GOVERNMENT PRINTING OFFICE : [illegible]

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH

13. STATE

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other)			☐				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

18. I hereby certify that the foregoing is true and correct

SIGNED ____________________ TITLE ____________________ DATE ____________

(This space for Federal or State office use)

APPROVED BY ____________________ TITLE ____________________ DATE ____________
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

U.S. GOVERNMENT PRINTING OFFICE [illegible]
[illegible]

Form 9-331 a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office ....

Lease No. ....

Unit ....

(*SUBMIT IN TRIPLICATE*)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

...., 19......

Well No. .... is located .... ft. from $\begin{Bmatrix} N \\ S \end{Bmatrix}$ line and .... ft. from $\begin{Bmatrix} E \\ W \end{Bmatrix}$ line of sec. ....

.... (¼ Sec. and Sec. No.) .... (Twp.) .... (Range) .... (Meridian)

.... (Field) .... (County or Subdivision) .... (State or Territory)

The elevation of the derrick floor above sea level is .... ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company ....

Address ....

....

....

By ....

Title ....

GPO 914974

Form 9-[illegible]
Revised October [illegible]

ROYALTY STATEMENT
FEDERAL LAND

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Period:

PERIOD	MINERAL OR PRODUCT	QUANTITY	UNIT VALUE	TOTAL VALUE	QUANTITY OR VALUE SUBJECT TO ROYALTY	ROYALTY VALUE
					TOTAL ROYALTY VALUE	

DATE	EXPLANATION	DEBITS	CREDITS	UNAPPLIED RENTAL	BALANCE
		Balance from previous statement			

Remittance by check, draft, or money order, payable to United States Geological Survey, should be sent direct to the Supervisor from whom this statement issued. No receipt will be issued.

[illegible] U. S. GOVERNMENT PRINTING OFFICE

LAST ITEM IS YOUR BALANCE
( ) = CREDIT

Form 9-330
(Rev. 5-63)

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other ______

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ______

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS	CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED ______ TITLE ______ DATE ______

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "*Sacks Cement*": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH

U.S. GOVERNMENT PRINTING OFFICE : [illegible]